

APPENDIX H5

Health Risk Assessment Calculations

**Pacific L.A. Marine Terminal (PLAMT) Project
POLA Berth 408**

Summary of Average Unmitigated Emissions - Proposed Project

Operation	2010	2015	2025	2040	Average (lb/yr)
Tanker Cruising					
NOx	160,589	214,838	290,652	290,652	277,147
CO	12,801	17,235	23,334	23,334	22,245
ROG	5,574	7,593	10,288	10,288	9,804
PM	14,537	19,380	26,229	26,229	25,012
PM10	14,388	19,203	25,989	25,989	24,782
PM2.5	12,806	17,159	23,218	23,218	22,138
SO2	101,522	134,105	181,492	181,492	173,107
Tanker Manuevering					
NOx	29,120	36,155	49,579	49,579	47,297
CO	3,129	4,152	5,705	5,705	5,432
ROG	3,535	5,175	7,126	7,126	6,769
PM	3,271	4,144	5,690	5,690	5,424
PM10	3,197	4,059	5,573	5,573	5,313
PM2.5	2,726	3,490	4,792	4,792	4,568
SO2	17,267	19,929	27,235	27,235	26,042
Tanker Hoteling					
NOx	175,959	219,574	299,191	299,191	285,574
CO	13,846	17,287	23,554	23,554	22,482
ROG	5,035	6,286	8,565	8,565	8,175
PM	5,269	6,416	8,750	8,750	8,356
PM10	5,058	6,159	8,400	8,400	8,022
PM2.5	4,047	4,927	6,720	6,720	6,418
SO2	42,173	51,307	69,976	69,976	66,829
Offloading Emissions					
NOx	31,587	44,749	60,667	60,667	57,757
CO	6,734	9,396	12,739	12,739	12,132
ROG	829	1,357	1,838	1,838	1,744
PM	5,571	7,945	10,771	10,771	10,253
PM10	4,122	5,895	7,991	7,991	7,606
PM2.5	2,735	3,910	5,301	5,301	5,046
SO2	128,158	175,887	238,514	238,514	227,236
Transiting Operations					
NOx	5,295	6,712	9,108	9,108	8,694
CO	498	646	877	877	836
ROG	120	151	205	205	196
PM	1,665	2,498	3,386	3,386	3,219
PM10	1,432	2,149	2,912	2,912	2,769
PM2.5	647	838	1,138	1,138	1,085
SO2	42,721	55,377	75,134	75,134	71,678
Tug Assistance					
NOx	52,476	55,277	62,464	62,464	61,283
CO	8,420	10,302	14,011	14,011	13,383
ROG	1,635	1,951	2,587	2,587	2,479
PM	2,172	2,379	2,696	2,696	2,640
PM10	2,172	2,379	2,696	2,696	2,640
PM2.5	1,998	2,189	2,480	2,480	2,429
SO2	26	32	44	44	42
Tanks					
NOx	0	0	0	0	-
CO	0	0	0	0	-
ROG	5,083	7,262	9,832	9,832	9,360
PM	0	0	0	0	-
PM10	0	0	0	0	-
PM2.5	0	0	0	0	-

**Pacific L.A. Marine Terminal (PLAMT) Project
POLA Berth 408**

SO2	0	0	0	0	-
Vapor Destruction Units					
NOx	11,631	13,826	15,134	15,134	14,848
CO	3,132	3,722	4,075	4,075	3,997
ROG	626	744	815	815	799
PM	671	798	873	873	857
PM10	671	798	873	873	857
PM2.5	671	798	873	873	857
SO2	2,082	2,474	2,708	2,708	2,657
Valves, Flanges, Pumps					
NOx	0	0	0	0	-
CO	0	0	0	0	-
ROG	1,188	1,188	1,188	1,188	1,188
PM	0	0	0	0	-
PM10	0	0	0	0	-
PM2.5	0	0	0	0	-
SO2	0	0	0	0	-

**Pacific L.A. Marine Terminal (PLAMT) Project
Berth 408**

Summary of Average Mitigated Emissions - Proposed Project

Operation	2010	2015	2025	2040	Average (lb/yr)
Tanker Cruising					
NOx	156,551	206,609	279,568	279,568	266,663
CO	13,685	17,596	23,826	23,826	22,739
ROG	6,186	7,724	10,467	10,467	9,996
PM	3,241	4,004	5,160	5,160	4,957
PM10	3,208	3,965	5,106	5,106	4,905
PM2.5	2,856	3,535	4,544	4,544	4,366
SO2	13,981	14,340	14,962	14,962	14,855
Tanker Manuevering					
NOx	33,932	34,090	46,747	46,747	44,869
CO	4,527	4,152	5,705	5,705	5,491
ROG	6,281	5,175	7,126	7,126	6,885
PM	914	835	1,108	1,108	1,071
PM10	899	818	1,085	1,085	1,049
PM2.5	784	704	931	931	901
SO2	2,357	2,093	2,186	2,186	2,183
Tanker Hoteling					
NOx	174,919	185,600	178,514	89,257	118,768
CO	13,843	14,688	14,127	7,063	9,399
ROG	5,034	5,341	5,137	2,569	3,418
PM	3,775	4,006	3,853	1,926	2,563
PM10	3,624	3,846	3,699	1,849	2,461
PM2.5	2,899	3,076	2,959	1,479	1,969
SO2	12,761	12,793	11,822	5,911	7,968
Offloading Emissions					
NOx	29,046	41,646	56,455	56,455	53,733
CO	6,762	9,431	12,788	12,788	12,179
ROG	774	1,301	1,762	1,762	1,672
PM	4,476	6,243	8,465	8,465	8,062
PM10	3,133	4,370	5,926	5,926	5,643
PM2.5	2,095	2,922	3,962	3,962	3,774
SO2	42,088	55,723	72,746	72,746	69,653
Transiting Operations					
NOx	2,245	2,790	3,793	3,793	3,622
CO	532	640	870	870	831
ROG	53	82	111	111	105
PM	352	423	576	576	550
PM10	246	296	403	403	385
PM2.5	165	198	270	270	258
SO2	7,787	6,485	5,685	5,685	5,858
Tug Assistance					
NOx	52,476	55,277	62,464	56,078	56,965
CO	8,420	10,302	14,011	14,011	13,383
ROG	1,635	1,951	2,587	2,587	2,479
PM	2,172	2,379	2,696	2,460	2,481
PM10	2,172	2,379	2,696	2,460	2,481
PM2.5	1,998	2,189	2,480	2,263	2,282

**Pacific L.A. Marine Terminal (PLAMT) Project
Berth 408**

SO2	26	32	44	44	42
Tanks					
NOx	0	0	0	0	-
CO	0	0	0	0	-
ROG	5,083	7,262	9,832	9,832	9,360
PM	0	0	0	0	-
PM10	0	0	0	0	-
PM2.5	0	0	0	0	-
SO2	0	0	0	0	-
Vapor Destruction Units					
NOx	11,631	13,826	15,134	15,134	14,848
CO	3,132	3,722	4,075	4,075	3,997
ROG	626	744	815	815	799
PM	671	798	873	873	857
PM10	671	798	873	873	857
PM2.5	671	798	873	873	857
SO2	2,082	2,474	2,708	2,708	2,657
Valves, Flanges, Pumps					
NOx	0	0	0	0	-
CO	0	0	0	0	-
ROG	1,188	1,188	1,188	1,188	1,188
PM	0	0	0	0	-
PM10	0	0	0	0	-
PM2.5	0	0	0	0	-
SO2	0	0	0	0	-

**Pacific L.A. Marine Terminal (PLAMT) Project
Berth 408**

Summary of Average Unmitigated Emissions - Reduced Project

Operation	2010	2015	2025	2040	Average (lb/yr)
Tanker Cruising	160,589	192,267	351,784	375,439	342,847
NOx	12,801	15,442	28,397	30,318	27,668
CO	5,574	6,812	12,074	12,854	11,771
ROG	14,537	17,349	20,240	20,669	19,983
PM	14,388	17,191	20,037	20,459	19,783
PM10	12,806	15,360	17,848	18,217	17,622
PM2.5	101,522	119,992	128,407	129,655	127,226
SO2					
Tanker Manuevering	29,120	32,730	64,886	69,655	63,202
NOx	3,129	3,779	6,337	6,717	6,188
CO	3,535	4,742	5,694	5,836	5,598
ROG	3,271	3,761	4,394	4,488	4,343
PM	3,197	3,684	4,295	4,385	4,245
PM10	2,726	3,170	3,666	3,740	3,624
PM2.5	17,267	17,896	19,922	20,223	19,799
SO2					
Tanker Hoteling					
NOx	175,959	197,492	352,789	375,734	344,425
CO	13,846	15,548	27,838	29,654	27,176
ROG	5,035	5,654	10,123	10,783	9,882
PM	5,269	5,768	8,885	9,346	8,714
PM10	5,058	5,537	8,530	8,972	8,366
PM2.5	4,047	4,430	6,824	7,178	6,693
SO2	42,173	46,126	56,306	57,810	55,650
Offloading Emissions					
NOx	31,587	40,337	56,094	58,424	54,969
CO	6,734	8,470	12,410	12,992	12,148
ROG	829	1,223	1,445	1,478	1,418
PM	5,571	7,162	9,769	10,155	9,577
PM10	4,122	5,313	7,138	7,408	7,001
PM2.5	2,735	3,525	4,745	4,926	4,653
SO2	128,158	158,496	180,690	183,971	178,344
Transiting Operations					
NOx	5,295	6,037	8,346	8,688	8,204
CO	498	581	1,159	1,244	1,127
ROG	120	136	168	173	166
PM	1,665	2,250	2,632	2,689	2,589
PM10	1,432	1,935	2,202	2,242	2,168
PM2.5	647	754	933	960	920
SO2	42,721	49,821	53,073	53,554	52,617
Tug Assistance					
NOx	52,476	49,529	92,348	89,724	84,366
CO	8,420	9,231	20,714	22,418	20,133
ROG	1,635	1,748	3,824	4,138	3,725
PM	2,172	2,131	3,986	3,936	3,680
PM10	2,172	2,131	3,986	3,936	3,680
PM2.5	1,998	1,961	3,667	3,621	3,385
SO2	26	29	65	70	63

**Pacific L.A. Marine Terminal (PLAMT) Project
Berth 408**

Tanks					
NOx	0	0	-	0	-
CO	0	0	-	0	-
ROG	5,083	6,536	15,162	16,426	14,680
PM	0	0	-	0	-
PM10	0	0	-	0	-
PM2.5	0	0	-	0	-
SO2	0	0	-	0	-
Vapor Destruction Units					
NOx	11,631	13,444	46,018	46,351	41,349
CO	3,132	3,619	12,389	12,479	11,132
ROG	626	724	2,478	2,496	2,226
PM	0	0	-	0	-
PM10	671	776	2,655	2,674	2,386
PM2.5	0	0	-	0	-
SO2	2,082	2,406	8,235	8,295	7,400
Valves, Flanges, Pumps					
NOx	0	0	-	0	-
CO	0	0	-	0	-
ROG	1,188	1,188	4,752	4,752	4,225
PM	0	0	-	0	-
PM10	0	0	-	0	-
PM2.5	0	0	-	0	-
SO2	0	0	-	0	-

**Pacific L.A. Marine Terminal (PLAMT) Project
Berth 408**

Summary of Average Mitigated Emissions - Reduced Project

Operation	2010	2015	2025	2040	Average (lb/yr)
Tanker Cruising					
NOx	154,949	184,910	344,427	368,082	335,563
CO	13,109	15,765	28,720	30,641	27,990
ROG	5,686	6,929	12,192	12,972	11,888
PM	3,184	3,584	6,303	6,732	6,174
PM10	3,151	3,549	6,223	6,645	6,096
PM2.5	2,803	3,164	5,493	5,862	5,383
SO2	13,981	12,830	18,306	19,554	18,389
Tanker Manuevering					
NOx	27,466	30,859	63,016	67,785	61,341
CO	3,129	3,779	6,337	6,717	6,188
ROG	3,535	4,742	5,694	5,836	5,598
PM	682	758	1,365	1,459	1,336
PM10	667	743	1,328	1,418	1,299
PM2.5	571	639	1,113	1,186	1,090
SO2	2,357	1,879	3,462	3,763	3,451
Tanker Hoteling					
NOx	174,919	166,936	273,134	237,160	233,446
CO	13,843	13,211	21,615	18,768	18,474
ROG	5,034	4,804	7,860	6,825	6,718
PM	3,775	3,603	5,660	4,849	4,815
PM10	3,624	3,459	5,434	4,655	4,622
PM2.5	2,899	2,767	4,347	3,724	3,698
SO2	12,761	11,506	17,983	15,585	15,457
Offloading Emissions					
NOx	29,046	37,547	53,304	55,634	52,190
CO	6,762	8,503	12,442	13,024	12,180
ROG	774	1,174	1,396	1,428	1,368
PM	4,476	5,629	8,236	8,622	8,063
PM10	3,133	3,940	5,765	6,035	5,644
PM2.5	2,095	2,635	3,855	4,036	3,774
SO2	42,088	50,231	70,561	73,843	69,429
Transiting Operations					
NOx	2,245	2,518	4,998	5,340	4,851
CO	532	577	1,197	1,283	1,161
ROG	53	74	109	113	106
PM	352	382	793	849	769
PM10	246	267	555	594	538
PM2.5	165	179	371	397	360
SO2	7,787	5,852	7,304	7,785	7,496
Tug Assistance					
NOx	52,476	49,529	92,348	89,724	84,366
CO	8,420	9,231	20,714	22,418	20,133
ROG	1,635	1,748	3,824	4,138	3,725
PM	2,172	2,131	3,986	3,936	3,680
PM10	2,172	2,131	3,986	3,936	3,680

**Pacific L.A. Marine Terminal (PLAMT) Project
Berth 408**

PM2.5	1,998	1,961	3,667	3,621	3,385
SO2	26	29	65	70	63
Tanks					
NOx	0	0	0	0	-
CO	0	0	0	0	-
ROG	5,083	6,536	15,162	16,426	14,680
PM	0	0	0	0	-
PM10	0	0	0	0	-
PM2.5	0	0	0	0	-
SO2	0	0	0	0	-
Vapor Destruction Units					
NOx	11,631	13,444	46,018	46,351	41,349
CO	3,132	3,619	12,389	12,479	11,132
ROG	626	724	2,478	2,496	2,226
PM	0	0	0	0	-
PM10	671	776	2,655	2,674	2,386
PM2.5	0	0	0	0	-
SO2	6	2,406	8,235	8,295	7,312
Valves, Flanges, Pumps					
NOx	0	0	0	0	-
CO	0	0	0	0	-
ROG	1,188	1,188	4,752	4,752	4,225
PM	0	0	0	0	-
PM10	0	0	0	0	-
PM2.5	0	0	0	0	-
SO2	0	0	0	0	-

**Pacific L.A. Marine Terminal (PLAMT) Project
Berth 408**

Summary of Average Emissions - No Project Alternative

Operation	2010	2015	2025	2040	Average (lb/yr)
Tanker Cruising					
NOx	394,985	445,960	442,160	442,160	438,514
CO	31,034	36,180	36,180	36,180	35,682
ROG	12,980	15,132	15,132	15,132	14,924
PM	25,698	12,345	7,762	7,762	10,606
PM10	25,500	12,255	7,703	7,703	10,527
PM2.5	22,891	11,014	6,919	6,919	9,455
SO2	170,517	58,108	21,667	21,667	44,888
Tanker Manuevering					
NOx	36,841	41,648	41,337	41,337	40,977
CO	2,820	3,288	3,288	3,288	3,243
ROG	1,050	1,224	1,224	1,224	1,207
PM	2,744	1,271	814	814	1,111
PM10	2,646	1,226	785	785	1,072
PM2.5	2,153	998	639	639	872
SO2	20,952	6,780	2,605	2,605	5,390
Tanker Hoteling					
NOx	266,601	280,980	199,459	199,459	225,680
CO	20,367	22,036	15,785	15,785	17,740
ROG	7,406	8,013	5,740	5,740	6,451
PM	19,259	9,449	4,004	4,004	6,797
PM10	18,489	9,071	3,843	3,843	6,525
PM2.5	14,791	7,257	3,075	3,075	5,220
SO2	148,327	54,253	13,074	13,074	36,126
Offloading Emissions					
NOx	28,201	27,699	24,065	24,065	25,344
CO	4,079	4,912	5,025	5,025	4,906
ROG	853	1,033	1,062	1,062	1,035
PM	12,511	7,980	3,327	3,327	5,341
PM10	10,524	6,437	2,329	2,329	4,116
PM2.5	6,871	4,224	1,557	1,557	2,717
SO2	171,581	99,285	28,311	28,311	59,347
Transiting Operations					
NOx	4,552	3,753	2,946	2,946	3,297
CO	606	721	737	737	720
ROG	94	65	41	41	52
PM	899	681	488	488	574
PM10	741	522	341	341	424
PM2.5	485	345	228	228	281
SO2	27,486	13,898	4,150	4,150	8,766
Tug Assistance					
NOx	78,415	78,715	65,403	58,716	69,667
CO	12,582	14,670	14,670	14,670	14,468
ROG	2,444	2,779	2,708	2,708	2,700
PM	0	0	0	0	0
PM10	3,246	3,387	2,823	2,576	2,992

**Pacific L.A. Marine Terminal (PLAMT) Project
Berth 408**

PM2.5	2,986	3,116	2,597	2,370	2,753
SO2	39	46	46	46	45
Tanks					
NOx	0	0	0	0	0
CO	0	0	0	0	0
ROG	9,455	10,980	10,980	10,980	10,832
PM	0	0	0	0	0
PM10	0	0	0	0	0
PM2.5	0	0	0	0	0
SO2	0	0	0	0	0
Vapor Destruction Units					
NOx	32,789	33,195	33,195	33,195	33,156
CO	8,828	8,937	8,937	8,937	8,927
ROG	1,766	1,787	1,787	1,787	1,785
PM	0	0	0	0	0
PM10	1,892	1,915	1,915	1,915	1,913
PM2.5	0	0	0	0	0
SO2	5,868	5,941	5,941	5,941	5,934
Valves, Flanges, Pumps					
NOx	0	0	0	0	0
CO	0	0	0	0	0
ROG	3,564	3,564	3,564	3,564	3,564
PM	0	0	0	0	0
PM10	0	0	0	0	0
PM2.5	0	0	0	0	0
SO2	0	0	0	0	0

Chemicals Evaluated for Acute Non-Cancer Effects.

Specification/Chemical	CAS #	Fraction of TOG or PM				Fraction of ROG or PM				
		OGV ME/AG	Tugboat	Truck	Terminal Equipment	Locomotive	OGV ME/AG	Tugboat	Truck	Terminal Equipment
TOG Speciation										
Benzene	71432	0.022	0.02	0.02	0.02	0.02	0.029	0.029	0.029	0.029
Formaldehyde	50000	0.147	0.147	0.147	0.147	0.147	0.213	0.213	0.213	0.213
Xylenes	1210	0.0034					0.005			
Methanol	67561	0.0003	0.0003	0.0003	0.0003	0.0003	0.000	0.000	0.000	0.000
MEK	78933	0.015	0.015	0.015	0.015	0.015	0.022	0.022	0.022	0.022
m-Xylene	108383	0.0061	0.0061	0.0061	0.0061	0.0061	0.009	0.009	0.009	0.009
o-Xylene	95476	0.0045	0.0034	0.0034	0.0034	0.0034	0.007	0.005	0.005	0.005
p-Xylene	106423	0.0095	0.0095	0.0095	0.0095	0.0095	0.001	0.001	0.001	0.001
Styrene	100425	0.0058	0.0058	0.0058	0.0058	0.0058	0.001	0.001	0.001	0.001
Toluene	108883	0.022	0.015	0.015	0.015	0.015	0.032	0.022	0.022	0.022
PM Speciation										
Ammonia	766417	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033
Arsenic	7440382	0.0053	0.00004	0.00004	0.00004	0.00004	0.0053	0.00004	0.00004	0.00004
Copper	7440508	0.005	0.00003	0.00003	0.00003	0.00003	0.0005	0.00003	0.00003	0.00003
Mercury	7439976	0.00026	0.00026	0.00026	0.00026	0.00026	0.000026	0.00026	0.00026	0.00026
Nickel	7440020	0.0055	0.000016	0.000016	0.000016	0.000016	0.0055	0.000016	0.000016	0.000016
Sulfates	9960	0.44	0.018	0.018	0.018	0.018	0.44	0.018	0.018	0.018
Vanadium	7440622	0.0055	0.000015	0.000015	0.000015	0.000015	0.0055	0.000015	0.000015	0.000015

Note: (1) All OGV sources use the greater of TOG profiles 504 or 818.

(2) All sources other than OGV use TOG profile 818.

(3) All OGV sources use the greater of PM profiles 111, 112, 116, or 425.

(4) Locomotives use the greater of PM profiles 116 or 425.

(5) Tugboats, truck, and terminal equipment use PM profile 425.

(6) For Profile 504, TOG is 83.5% of VOC.

(7) For Profile 818, TOG is 87.9% of VOC.

TOG/ROG Factor = 1.4493

ROG IC - OGV

Specification/Chemical	Benzene	Formaldehyde	Xylenes	Methanol	MEK	m-Xylene	o-Xylene	p-Xylene	Styrene	Toluene	Vanadium
CAS #	71432	50000	1210	67561	78933	108383	95476	106423	100425	108883	7440622
OGV/ME/AG	0.03188	0.21304	0.00493	0.00043	0.02174	0.00884	0.00652	0.00138	0.00084	0.03188	0.0055

PM - IC OGV

Specification/Chemical	Ammonia	Arsenic	Copper	Mercury	Nickel	Sulfates	Vanadium
CAS #	766417	7440382	7440508	7439976	7440020	9960	7440622
OGV/ME/AG	0.0033	0.0053	0.0005	0.000026	0.000016	0.0055	0.0055

ROG IC TUG

Specification/Chemical	Benzene	Formaldehyde	Xylenes	Methanol	MEK	m-Xylene	o-Xylene	p-Xylene	Styrene	Toluene	Vanadium
CAS #	71432	50000	1210	67561	78933	108383	95476	106423	100425	108883	7440622
Tugboat	0.00884	0.00493	0.00138	0.00084	0.02174	0.00330	0.00330	0.0000040	0.000030	0.000026	0.000015

Utility Boilers - Residual Fuels - TOG Profile #504

TOG Speciation	CAS #	Fraction of TOG	Fraction of ROG	URL or REL?		
				Cancer	Chronic	Acute
Benzene	71432	0.022	0.031	Yes	Yes	Yes
Chlorobenzene	108907	0.001	0.001		Yes	
Ethylbenzene	100414	0.001	0.001	Yes	Yes	
Formaldehyde	50000	0.001	0.001	Yes	Yes	Yes
n-Hexane	110543	0.016	0.023		Yes	
Naphthalene	91203	0.001	0.001	Yes	Yes	
Propylene	115071	0.046	0.067		Yes	
Toluene	108883	0.022	0.032		Yes	Yes
Xylene Isomers	1330207	0.003	0.005		Yes	Yes

ROG - Based	ROG Based ROG Based	ROG Based	ROG Based ROG Based ROG Based	ROG Based	ROG Based	ROG Based		
Benzene	Chlorobenzene	Ethylbenzene	Formaldehyde	n-Hexane	Naphthalene	Propylene	Toluene	Xylene Isomers
71432	108907	100414	50000	110543	91203	115071	108883	1330207
0.031	0.001	0.001	0.001	0.023	0.001	0.067	0.032	0.005

ROG/TOG Factor
1.4493

Utility Boilers - Residual Fuels - PM Profile # 113

TOG Speciation	CAS #	Fraction of PM	URL or REL?	
			Cancer	Chronic
Arsenic	7440382	0.00050	Yes	Yes
Bromine	7726956	0.00050		Yes
Cadmium	7440439	0.00050	Yes	
Copper	7440508	0.00050		Yes
Manganese	7439965	0.00050		Yes
Nickel	7440020	0.04820	Yes	Yes
Selenium	7782492	0.00050		Yes
Sulfates	9960	0.29400		Yes
Vanadium	7440622	0.00550		Yes
Zinc	7440666	0.00550		Yes

PM Based	PM Based	PM Based	PM Based	PM Based	PM Based	PM Based	PM Based	PM Based	
Arsenic	Bromine	Cadmium	Copper	Manganese	Nickel	Selenium	Sulfates	Vanadium	Zinc
7440382	7726956	7440439	7440508	7439965	7440020	7782492	9960	7440622	7440666
0.0005	0.0005	0.0005	0.0005	0.0005	0.0482	0.0005	0.294	0.0055	0.0055

PROPOSED PROJECT - UNMITIGATED										
Region	Terminal			ID	Source Description	AVERAGE ANNUAL EMISSIONS LB?YEAR	PLAMT PM lb/year	AVERAGE ANNUAL EMISSIONS LB?YEAR	MAX HOURLY EMISSIONS LB/HR	MAX HOURLY EMISSIONS LB/HR
	PLAMT	XOM	LB							
				VOLUME SOURCES						
OUTER			X	THT_01	Tug - Harbor Transit - All POLB					
OUTER			X	THT_02	Tug - Harbor Transit - All POLB					
OUTER			X	THT_03	Tug - Harbor Transit - All POLB					
OUTER			X	THT_04	Tug - Harbor Transit - All POLB					
OUTER			X	THT_05	Tug - Harbor Transit - All POLB					
OUTER			X	THT_06	Tug - Harbor Transit - All POLB					
OUTER			X	THT_07	Tug - Harbor Transit - All POLB					
OUTER			X	THT_08	Tug - Harbor Transit - All POLB					
OUTER			X	THT_09	Tug - Harbor Transit - All POLB					
OUTER			X	THT_10	Tug - Harbor Transit - All POLB					
OUTER			X	THT_11	Tug - Harbor Transit - All POLB					
OUTER			X	THT_12	Tug - Harbor Transit - All POLB					
OUTER			X	THT_13	Tug - Harbor Transit - All POLB					
OUTER			X	THT_14	Tug - Harbor Transit - All POLB					
OUTER			X	THT_15	Tug - Harbor Transit - All POLB					
OUTER			X	THT_16	Tug - Harbor Transit - All POLB					
OUTER			X	THT_17	Tug - Harbor Transit - All POLB					
OUTER			X	THT_18	Tug - Harbor Transit - All POLB					
OUTER			X	THT_19	Tug - Harbor Transit - All POLB					
OUTER			X	THT_20	Tug - Harbor Transit - All POLB					
OUTER	X	X		TTM_F01	Tug Transit Far - All POLA					
OUTER	X	X		TTM_F02	Tug Transit Far - All POLA					
OUTER	X	X		TTM_F03	Tug Transit Far - All POLA					
OUTER	X	X		TTM_F04	Tug Transit Far - All POLA					
OUTER	X	X		TTM_F05	Tug Transit Far - All POLA					
OUTER	X	X		TTM_F06	Tug Transit Far - All POLA					
OUTER	X	X		TTM_F07	Tug Transit Far - All POLA					
OUTER	X	X		TTM_F08	Tug Transit Far - All POLA					
OUTER	X	X		TTM_F09	Tug Transit Far - All POLA	146.69	137.74	0.02	0.02	0.02
OUTER	X	X		TTM_F10	Tug Transit Far - All POLA	146.69	137.74	0.02	0.02	0.02
OUTER	X	X		TTM_F11	Tug Transit Far - All POLA	146.69	137.74	0.02	0.02	0.02
OUTER	X	X		TTM_F12	Tug Transit Far - All POLA	146.69	137.74	0.02	0.02	0.02
OUTER	X	X		TTM_F13	Tug Transit Far - All POLA	146.69	137.74	0.02	0.02	0.02

PROPOSED PROJECT - UNMITIGATED									
Region	Terminal			ID	Source Description	AVERAGE ANNUAL EMISSIONS LB?/YEAR		MAX HOURLY EMISSIONS LB/HR	
	PLAMT	XOM	LB			PLAMT PM	PLAMT TOG	PM TOTAL	TOG TOTAL
OUTER	X	X		TTM_F14	Tug Transit Far - All POLA	146.69	137.74	0.02	0.02
OUTER	X	X		TTM_F15	Tug Transit Far - All POLA	146.69	137.74	0.02	0.02
OUTER	X	X		TTM_F16	Tug Transit Far - All POLA	146.69	137.74	0.02	0.02
OUTER	X			TTM_F17	Tug Transit - PLAMT Berthing	146.69	137.74	0.02	0.02
OUTER		X		TTM_F29	Tug Transit Far - to XOM				
OUTER		X		TTM_F30	Tug Transit Far - to XOM				
OUTER		X		TTM_F31	Tug Transit Far - to XOM				
OUTER		X		TTM_F32	Tug Transit Far - to XOM				
OUTER	X	X		VTB_01	Vessel Transit - Boiler Warming - All POLA	804.86	48.89	0.09	0.01
OUTER	X	X		VTB_03	Vessel Transit - Boiler Warming - All POLA	804.86	48.89	0.09	0.01
OUTER	X	X		VTB_05	Vessel Transit - Boiler Warming - All POLA	804.86	48.89	0.09	0.01
OUTER	X	X		VTB_07	Vessel Transit - Boiler Warming - All POLA	804.86	48.89	0.09	0.01
OUTER		X		VTB_09	Vessel Transit - Boiler Warming - XOM				
OUTER		X		VTB_11	Vessel Transit - Boiler Warming - XOM				
OUTER		X	X	VTB_40	Vessel Transit - Boiler Warming - All POLB Berths				
OUTER		X	X	VTB_41	Vessel Transit - Boiler Warming - All POLB Berths				
OUTER		X	X	VTB_42	Vessel Transit - Boiler Warming - All POLB Berths				
OUTER		X	X	VTB_43	Vessel Transit - Boiler Warming - All POLB Berths				
OUTER		X	X	VTB_44	Vessel Transit - Boiler Warming - All POLB Berths				
OUTER		X	X	VTB_45	Vessel Transit - Boiler Warming - All POLB Berths				
OUTER		X	X	VTB_46	Vessel Transit - Boiler Warming - All POLB Berths				
OUTER		X	X	VTB_47	Vessel Transit - Boiler Warming - All POLB Berths				
OUTER		X	X	VTB_48	Vessel Transit - Boiler Warming - All POLB Berths				
OUTER		X	X	VTB_49	Vessel Transit - Boiler Warming - All POLB Berths				
OUTER	X	X	X	VTFN_01	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.02
OUTER	X	X	X	VTFN_02	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.02
OUTER	X	X	X	VTFN_03	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.02
OUTER	X	X	X	VTFN_04	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.02
OUTER	X	X	X	VTFN_05	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.02
OUTER	X	X	X	VTFN_06	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.02
OUTER	X	X	X	VTFN_07	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.02
OUTER	X	X	X	VTFN_08	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.02
OUTER	X	X	X	VTFN_09	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.02
OUTER	X	X	X	VTFN_10	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.02

PROPOSED PROJECT - UNMITIGATED										
Region	Terminal			ID	Source Description	AVERAGE ANNUAL EMISSIONS LB?/YEAR		AVERAGE ANNUAL EMISSIONS LB?/YEAR		MAX HOURLY EMISSIONS LB/HR
	PLAMT	XOM	LB			PLAMT PM	PLAMT TOG	PM TOTAL	TOG TOTAL	
						lb/year	lb/year	lb/hr	lb/hr	lb/hr
OUTER	X	X	X	VTFN_11	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02
OUTER	X	X	X	VTFN_12	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02
OUTER	X	X	X	VTFN_13	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02
OUTER	X	X	X	VTFN_14	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02
OUTER	X	X	X	VTFN_15	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02
OUTER	X	X	X	VTFN_16	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02
OUTER	X	X	X	VTFN_17	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02
OUTER	X	X	X	VTFN_18	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02
OUTER	X	X	X	VTFN_19	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02
OUTER	X	X	X	VTFN_20	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02
OUTER	X	X	X	VTFN_21	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02
OUTER	X	X	X	VTFN_22	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02
OUTER	X	X	X	VTFN_23	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02
OUTER	X	X	X	VTFN_24	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02
OUTER	X	X	X	VTFN_25	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02
OUTER	X	X	X	VTFN_26	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02
OUTER	X	X	X	VTFN_27	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02
OUTER	X	X	X	VTFN_28	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02
OUTER	X	X	X	VTFN_29	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02
OUTER	X	X	X	VTFN_30	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02
OUTER	X	X	X	VTFN_31	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02
OUTER	X	X	X	VTFN_32	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02
OUTER	X	X	X	VTFN_33	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02
OUTER	X	X	X	VTFN_34	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02
OUTER	X	X	X	VTFN_35	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02
OUTER	X	X	X	VTFN_36	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02
OUTER	X	X	X	VTFN_37	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02
OUTER	X	X	X	VTFN_38	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02
OUTER	X	X	X	VTFN_39	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02
OUTER	X	X	X	VTFN_40	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02
OUTER	X	X	X	VTFN_41	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02
OUTER	X	X	X	VTFN_42	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02
OUTER	X	X	X	VTFN_43	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02
OUTER	X	X	X	VTFN_44	Vessel Transit - Fairway - North	384.80	150.83	0.04	0.04	0.02

PROPOSED PROJECT - UNMITIGATED									
Region	Terminal			ID	Source Description	AVERAGE ANNUAL EMISSIONS LB?YEAR		MAX HOURLY EMISSIONS LB/HR	
	PLAMT	XOM	LB			PLAMT PM	PLAMT TOG	PM TOTAL	TOG TOTAL
					lb/year	lb/year	lb/hr	lb/hr	lb/hr
OUTER		X		VTM_12	Vessel Transit - XOM				
OUTER		X		VTM_13	Vessel Transit - XOM				
OUTER		X		VTM_14	Vessel Transit - XOM				
OUTER		X		VTM_15	Vessel Transit - XOM				
OUTER	X	X		VTM_16	Vessel Transit - All POLA	255.26	318.52	0.03	0.04
OUTER	X			VTM_17	Vessel Maneuvering - PLAMT	255.26	318.52	0.03	0.04
OUTER	X			VTM_18	Vessel Maneuvering - PLAMT Berth	1,084.84	1,353.70	0.12	0.15
OUTER	X	X		VTM_19	Vessel Transit - All POLA	255.26	318.52	0.03	0.04
OUTER	X	X		VTM_20	Vessel Transit - All POLA	255.26	318.52	0.03	0.04
OUTER	X	X		VTM_21	Vessel Transit - All POLA	255.26	318.52	0.03	0.04
OUTER	X	X		VTM_22	Vessel Transit - All POLA	255.26	318.52	0.03	0.04
OUTER	X	X		VTM_23	Vessel Transit - All POLA	255.26	318.52	0.03	0.04
OUTER	X	X		VTM_24	Vessel Transit - All POLA	255.26	318.52	0.03	0.04
OUTER		X	X	VTM_PB15	Vessel Transit - POLB Berths				
OUTER		X	X	VTM_PB16	Vessel Transit - POLB Berths				
OUTER		X	X	VTM_PB17	Vessel Transit - POLB Berths				
OUTER		X	X	VTM_PB18	Vessel Transit - POLB Berths				
OUTER		X	X	VTM_PB19	Vessel Transit - POLB Berths				
OUTER		X	X	VTM_PB20	Vessel Transit - POLB Berths				
OUTER		X	X	VTM_PB21	Vessel Transit - POLB Berths				
OUTER		X	X	VTM_PB22	Vessel Transit - POLB Berths				
OUTER		X	X	VTM_PB23	Vessel Transit - POLB Berths				
OUTER		X	X	VTM_PB24	Vessel Transit - POLB Berths				
OUTER		X	X	VTM_PB25	Vessel Transit - POLB Berths				
OUTER		X	X	VTM_PB26	Vessel Transit - POLB Berths				
OUTER		X	X	VTM_PB27	Vessel Transit - POLB Berths				
OUTER		X	X	VTM_PB28	Vessel Transit - POLB Berths				
OUTER		X	X	VTM_PB29	Vessel Transit - POLB Berths				
OUTER		X	X	VTM_PB30	Vessel Transit - POLB Berths				
OUTER		X	X	VTM_PB31	Vessel Transit - POLB Berths				
OUTER		X	X	VTM_PB32	Vessel Transit - POLB Berths				
OUTER		X	X	VTM_PB33	Vessel Transit - POLB Berths				
OUTER		X	X	VTM_PB34	Vessel Transit - POLB Berths				
OUTER		X	X	VTM_PB35	Vessel Transit - POLB Berths				

PROPOSED PROJECT - UNMITIGATED										
Region	Terminal			ID	Source Description	AVERAGE ANNUAL EMISSIONS LB?/YEAR		AVERAGE ANNUAL EMISSIONS LB?/YEAR		MAX HOURLY EMISSIONS LB/HR
	PLAMT	XOM	LB			PLAMT PM	PLAMT TOG	PM TOTAL	TOG TOTAL	
						lb/year	lb/year	lb/hr	lb/hr	lb/hr
OUTER	X	X		VTP_AG01	Vessel Transit - PZ to Angels Gate	401.95	456.25	0.05	0.05	
OUTER	X	X		VTP_AG02	Vessel Transit - PZ to Angels Gate	401.95	456.25	0.05	0.05	
OUTER	X	X		VTP_AG03	Vessel Transit - PZ to Angels Gate	401.95	456.25	0.05	0.05	
OUTER	X	X		VTP_AG04	Vessel Transit - PZ to Angels Gate	401.95	456.25	0.05	0.05	
OUTER	X	X		VTP_AG05	Vessel Transit - PZ to Angels Gate	401.95	456.25	0.05	0.05	
OUTER	X	X		VTP_AG06	Vessel Transit - PZ to Angels Gate	401.95	456.25	0.05	0.05	
OUTER	X	X		VTP_AG07	Vessel Transit - PZ to Angels Gate	401.95	456.25	0.05	0.05	
OUTER	X	X		VTP_AG08	Vessel Transit - PZ to Angels Gate	401.95	456.25	0.05	0.05	
OUTER	X	X		VTP_AG09	Vessel Transit - PZ to Angels Gate	401.95	456.25	0.05	0.05	
OUTER	X	X		VTP_AG10	Vessel Transit - PZ to Angels Gate	384.80	150.83	0.04	0.04	
OUTER	X	X		VTP_AG11	Vessel Transit - PZ to Angels Gate	384.80	150.83	0.04	0.04	
OUTER	X	X		VTP_AG12	Vessel Transit - PZ to Angels Gate	384.80	150.83	0.04	0.04	
OUTER	X	X		VTP_AG13	Vessel Transit - PZ to Angels Gate	384.80	150.83	0.04	0.04	
OUTER	X	X		VTP_AG14	Vessel Transit - PZ to Angels Gate	384.80	150.83	0.04	0.04	
OUTER	X	X		VTP_AG15	Vessel Transit - PZ to Angels Gate	384.80	150.83	0.04	0.04	
OUTER	X	X		VTP_AG16	Vessel Transit - PZ to Angels Gate	384.80	150.83	0.04	0.04	
OUTER	X	X		VTP_AG17	Vessel Transit - PZ to Angels Gate	384.80	150.83	0.04	0.04	
OUTER		X	X	VTP_QG01	Vessel Transit - PZ to Queens Gate					
OUTER		X	X	VTP_QG02	Vessel Transit - PZ to Queens Gate					
OUTER		X	X	VTP_QG03	Vessel Transit - PZ to Queens Gate					
OUTER		X	X	VTP_QG04	Vessel Transit - PZ to Queens Gate					
OUTER		X	X	VTP_QG05	Vessel Transit - PZ to Queens Gate					
OUTER		X	X	VTP_QG06	Vessel Transit - PZ to Queens Gate					
OUTER		X	X	VTP_QG07	Vessel Transit - PZ to Queens Gate					
OUTER		X	X	VTP_QG08	Vessel Transit - PZ to Queens Gate					
OUTER		X	X	VTP_QG09	Vessel Transit - PZ to Queens Gate					
OUTER		X	X	VTP_QG10	Vessel Transit - PZ to Queens Gate					
OUTER		X	X	VTP_QG11	Vessel Transit - PZ to Queens Gate					
OUTER		X	X	VTP_QG12	Vessel Transit - PZ to Queens Gate					
OUTER		X	X	VTP_QG13	Vessel Transit - PZ to Queens Gate					
OUTER		X	X	VTP_QG14	Vessel Transit - PZ to Queens Gate					
OUTER		X	X	VTP_QG15	Vessel Transit - PZ to Queens Gate					
OUTER		X	X	VTP_QG16	Vessel Transit - PZ to Queens Gate					
OUTER		X	X	VTP_QG17	Vessel Transit - PZ to Queens Gate					

PROPOSED PROJECT - UNMITIGATED									
Region	Terminal			ID	Source Description	AVERAGE ANNUAL EMISSIONS LB?YEAR		MAX HOURLY EMISSIONS LB/HR	
	PLAMT	XOM	LB			PLAMT PM	PLAMT TOG	PM TOTAL	TOG TOTAL
						lb/year	lb/hr	lb/hr	lb/hr
OUTER			X	VTP_QG18	Vessel Transit - PZ to Queens Gate				
OUTER			X	VTP_QG19	Vessel Transit - PZ to Queens Gate				
OUTER	X	X	X	VTP_S01	Vessel Transit - PZ to the Split	384.80	150.83	0.04	0.02
OUTER	X	X	X	VTP_S02	Vessel Transit - PZ to the Split	384.80	150.83	0.04	0.02
OUTER	X	X	X	VTP_S03	Vessel Transit - PZ to the Split	384.80	150.83	0.04	0.02
OUTER	X	X	X	VTP_S04	Vessel Transit - PZ to the Split	384.80	150.83	0.04	0.02
OUTER	X	X	X	VTP_S05	Vessel Transit - PZ to the Split	384.80	150.83	0.04	0.02
OUTER	X	X	X	VTP_S06	Vessel Transit - PZ to the Split	384.80	150.83	0.04	0.02
OUTER	X	X	X	VTP_S07	Vessel Transit - PZ to the Split	384.80	150.83	0.04	0.02
OUTER	X	X	X	VTP_S08	Vessel Transit - PZ to the Split	384.80	150.83	0.04	0.02
OUTER	X	X	X	VTP_S09	Vessel Transit - PZ to the Split	384.80	150.83	0.04	0.02
OUTER	X	X	X	VTP_S10	Vessel Transit - PZ to the Split	384.80	150.83	0.04	0.02
OUTER	X	X	X	VTP_S11	Vessel Transit - PZ to the Split	384.80	150.83	0.04	0.02
OUTER	X	X	X	VTP_S12	Vessel Transit - PZ to the Split	384.80	150.83	0.04	0.02
OUTER	X	X	X	VTP_S13	Vessel Transit - PZ to the Split	384.80	150.83	0.04	0.02
OUTER	X	X	X	VTP_S14	Vessel Transit - PZ to the Split	384.80	150.83	0.04	0.02
MIDDLE			X	THT_25	Tug - Harbor Transit - All POLB				
MIDDLE			X	THT_26	Tug - Harbor Transit - All POLB				
MIDDLE			X	THT_27	Tug - Harbor Transit - All POLB				
MIDDLE			X	THT_28	Tug - Harbor Transit - All POLB				
MIDDLE			X	THT_29	Tug - Harbor Transit - All POLB				
MIDDLE			X	THT_30	Tug - Harbor Transit - All POLB				
MIDDLE			X	THT_31	Tug - Harbor Transit - All POLB				
MIDDLE			X	THT_32	Tug - Harbor Transit - All POLB				
MIDDLE			X	THT_33	Tug - Harbor Transit - All POLB				
MIDDLE			X	THT_34	Tug - Harbor Transit - All POLB				
MIDDLE			X	THT_35	Tug - Harbor Transit - All POLB				
MIDDLE		X		TTM_F18	Tug Transit - XOM Berthing				
MIDDLE		X		TTM_F19	Tug Transit Far - to XOM				
MIDDLE		X		TTM_F20	Tug Transit Far - to XOM				
MIDDLE		X		TTM_F21	Tug Transit Far - to XOM				
MIDDLE		X		TTM_F22	Tug Transit Far - to XOM				
MIDDLE		X		TTM_F23	Tug Transit Far - to XOM				
MIDDLE		X		TTM_F24	Tug Transit Far - to XOM				

PROPOSED PROJECT - UNMITIGATED									
Region	Terminal			ID	Source Description	AVERAGE ANNUAL EMISSIONS LB?/YEAR	AVERAGE ANNUAL EMISSIONS LB?/YEAR	MAX HOURLY EMISSIONS LB/HR	MAX HOURLY EMISSIONS LB/HR
	PLAMT	XOM	LB						
MIDDLE		X		TTM_F25	Tug Transit Far - to XOM				
MIDDLE		X		TTM_F26	Tug Transit Far - to XOM				
MIDDLE		X		TTM_F27	Tug Transit Far - to XOM				
MIDDLE		X		TTM_F28	Tug Transit Far - to XOM				
MIDDLE		X		VTB_13	Vessel Transit - Boiler Warming - XOM				
MIDDLE		X		VTB_15	Vessel Transit - Boiler Warming - XOM				
MIDDLE		X		VTB_17	Vessel Transit - Boiler Warming - XOM				
MIDDLE		X		VTB_19	Vessel Transit - Boiler Warming - XOM				
MIDDLE		X		VTB_21	Vessel Transit - Boiler Warming - XOM				
MIDDLE		X		VTB_32	Vessel Transit - Boiler Warming - All POLB Berths				
MIDDLE		X		VTB_35	Vessel Transit - Boiler Warming - All POLB Berths				
MIDDLE		X		VTB_36	Vessel Transit - Boiler Warming - All POLB Berths				
MIDDLE		X		VTB_37	Vessel Transit - Boiler Warming - All POLB Berths				
MIDDLE		X		VTB_38	Vessel Transit - Boiler Warming - All POLB Berths				
MIDDLE		X		VTB_39	Vessel Transit - Boiler Warming - All POLB Berths				
MIDDLE		X		VTM_01	Vessel Maneuvering - XOM Berthing				
MIDDLE		X		VTM_02	Vessel Transit - XOM				
MIDDLE		X		VTM_03	Vessel Transit - XOM				
MIDDLE		X		VTM_04	Vessel Transit - XOM				
MIDDLE		X		VTM_05	Vessel Transit - XOM				
MIDDLE		X		VTM_06	Vessel Transit - XOM				
MIDDLE		X		VTM_07	Vessel Transit - XOM				
MIDDLE		X		VTM_08	Vessel Transit - XOM				
MIDDLE		X		VTM_09	Vessel Transit - XOM				
MIDDLE		X		VTM_10	Vessel Transit - XOM				
MIDDLE		X		VTM_11	Vessel Transit - XOM				
MIDDLE		X		VTM_PB02	Vessel Transit - POLB Berths				
MIDDLE		X		VTM_PB04	Vessel Maneuvering - POLB Berths - Berthing				
MIDDLE		X		VTM_PB06	Vessel Transit - POLB Berths				
MIDDLE		X		VTM_PB07	Vessel Transit - POLB Berths				
MIDDLE		X		VTM_PB09	Vessel Transit - POLB Berths				
MIDDLE		X		VTM_PB10	Vessel Transit - POLB Berths				
MIDDLE		X		VTM_PB11	Vessel Transit - POLB Berths				
MIDDLE		X		VTM_PB12	Vessel Transit - POLB Berths				

PROPOSED PROJECT - UNMITIGATED									
Region	Terminal			ID	Source Description	AVERAGE ANNUAL EMISSIONS LB?YEAR		MAX HOURLY EMISSIONS LB/HR	
	PLAMT	XOM	LB			PLAMT PM lb/year	PLAMT TOG lb/year	PM TOTAL lb/hr	TOG TOTAL lb/hr
OUTER	X			BOILER_1	PLAMT Offload Boiler	10,252.78	1,744.33	1.17	0.20
OUTER	X			HOTEL_1	PLAMT Vessel Hotelling	8,356.42	8,175.26	0.95	0.93
OUTER	X			VDU_1	PLAMT VDU	866.60	799.50	0.10	0.09
MIDDLE		X		BOILER_2	XOM Offload Boiler				
MIDDLE		X		HOTEL_2	XOM Vessel Hotelling				
MIDDLE		X		VDU_2	XOM VDU				
INNER			X	BOILER_3	TES Offload Boiler				
INNER			X	BOILER_4	BP Offload Boiler				
INNER			X	HOTEL_3	TES Vessel Hotelling				
INNER			X	HOTEL_4	BP Vessel Hotelling				
INNER			X	VDU_3	TES VDU				
INNER			X	VDU_4	BP VDU				

PROPOSED PROJECT - MITIGATED										
Region	Emission Inventory Source Type	Terminal			ID	Source Description	AVERAGE ANNUAL EMISSIONS LB/YEAR	PLAMT TOG lb/year	MAX HOURLY EMISSIONS LB/HR	TOG TOTAL lb/hr
		PLAMT	XOM	LB						
					VOLUME SOURCES					
OUTER	Tug Assistance			X	THT_01	Tug - Harbor Transit - All POLB				
OUTER	Tug Assistance			X	THT_02	Tug - Harbor Transit - All POLB				
OUTER	Tug Assistance			X	THT_03	Tug - Harbor Transit - All POLB				
OUTER	Tug Assistance			X	THT_04	Tug - Harbor Transit - All POLB				
OUTER	Tug Assistance			X	THT_05	Tug - Harbor Transit - All POLB				
OUTER	Tug Assistance			X	THT_06	Tug - Harbor Transit - All POLB				
OUTER	Tug Assistance			X	THT_07	Tug - Harbor Transit - All POLB				
OUTER	Tug Assistance			X	THT_08	Tug - Harbor Transit - All POLB				
OUTER	Tug Assistance			X	THT_09	Tug - Harbor Transit - All POLB				
OUTER	Tug Assistance			X	THT_10	Tug - Harbor Transit - All POLB				
OUTER	Tug Assistance			X	THT_11	Tug - Harbor Transit - All POLB				
OUTER	Tug Assistance			X	THT_12	Tug - Harbor Transit - All POLB				
OUTER	Tug Assistance			X	THT_13	Tug - Harbor Transit - All POLB				
OUTER	Tug Assistance			X	THT_14	Tug - Harbor Transit - All POLB				
OUTER	Tug Assistance			X	THT_15	Tug - Harbor Transit - All POLB				
OUTER	Tug Assistance			X	THT_16	Tug - Harbor Transit - All POLB				
OUTER	Tug Assistance			X	THT_17	Tug - Harbor Transit - All POLB				
OUTER	Tug Assistance			X	THT_18	Tug - Harbor Transit - All POLB				
OUTER	Tug Assistance			X	THT_19	Tug - Harbor Transit - All POLB				
OUTER	Tug Assistance			X	THT_20	Tug - Harbor Transit - All POLB				
OUTER	Tug Assistance		X		TTM_F01	Tug Transit Far - All POLA				
OUTER	Tug Assistance		X		TTM_F02	Tug Transit Far - All POLA				
OUTER	Tug Assistance		X		TTM_F03	Tug Transit Far - All POLA				
OUTER	Tug Assistance		X		TTM_F04	Tug Transit Far - All POLA				
OUTER	Tug Assistance		X		TTM_F05	Tug Transit Far - All POLA				
OUTER	Tug Assistance		X		TTM_F06	Tug Transit Far - All POLA				
OUTER	Tug Assistance		X		TTM_F07	Tug Transit Far - All POLA				
OUTER	Tug Assistance		X		TTM_F08	Tug Transit Far - All POLA				
OUTER	Tug Assistance	X	X		TTM_F09	Tug Transit Far - All POLA	137.83	0.02	0.02	
OUTER	Tug Assistance	X	X		TTM_F10	Tug Transit Far - All POLA	137.83	0.02	0.02	
OUTER	Tug Assistance	X	X		TTM_F11	Tug Transit Far - All POLA	137.83	0.02	0.02	
OUTER	Tug Assistance	X	X		TTM_F12	Tug Transit Far - All POLA	137.83	0.02	0.02	
OUTER	Tug Assistance	X	X		TTM_F13	Tug Transit Far - All POLA	137.83	0.02	0.02	
OUTER	Tug Assistance	X	X		TTM_F14	Tug Transit Far - All POLA	137.83	0.02	0.02	

PROPOSED PROJECT - MITIGATED										
Region	Emission Inventory Source Type	Terminal			ID	Source Description	AVERAGE ANNUAL EMISSIONS LB/YEAR	AVERAGE ANNUAL EMISSIONS LB/YEAR	MAX HOURLY EMISSIONS LB/HR	MAX HOURLY EMISSIONS LB/HR
		PLAMT	XOM	LB						
OUTER	Tug Assistance	X	X		TTM_F15	Tug Transit Far - All POLA	137.83	137.74	0.02	0.02
OUTER	Tug Assistance	X	X		TTM_F16	Tug Transit Far - All POLA	137.83	137.74	0.02	0.02
OUTER	Tug Assistance	X			TTM_F17	Tug Transit - PLAMT Berthing	137.83	137.74	0.02	0.02
OUTER	Tug Assistance	X	X		TTM_F29	Tug Transit Far - to XOM				
OUTER	Tug Assistance	X	X		TTM_F30	Tug Transit Far - to XOM				
OUTER	Tug Assistance	X	X		TTM_F31	Tug Transit Far - to XOM				
OUTER	Tug Assistance	X	X		TTM_F32	Tug Transit Far - to XOM				
OUTER	Boiler Warming (T)	X	X		VTB_01	Vessel Transit - Boiler Warming - All POLA	137.56	26.28	0.02	0.00
OUTER	Boiler Warming (T)	X	X		VTB_03	Vessel Transit - Boiler Warming - All POLA	137.56	26.28	0.02	0.00
OUTER	Boiler Warming (T)	X	X		VTB_05	Vessel Transit - Boiler Warming - All POLA	137.56	26.28	0.02	0.00
OUTER	Boiler Warming (T)	X	X		VTB_07	Vessel Transit - Boiler Warming - All POLA	137.56	26.28	0.02	0.00
OUTER	Boiler Warming (T)	X	X		VTB_09	Vessel Transit - Boiler Warming - XOM				
OUTER	Boiler Warming (T)	X	X		VTB_11	Vessel Transit - Boiler Warming - XOM				
OUTER	Boiler Warming (T)			X	VTB_40	Vessel Transit - Boiler Warming - All POLB Berths				
OUTER	Boiler Warming (T)			X	VTB_41	Vessel Transit - Boiler Warming - All POLB Berths				
OUTER	Boiler Warming (T)			X	VTB_42	Vessel Transit - Boiler Warming - All POLB Berths				
OUTER	Boiler Warming (T)			X	VTB_43	Vessel Transit - Boiler Warming - All POLB Berths				
OUTER	Boiler Warming (T)			X	VTB_44	Vessel Transit - Boiler Warming - All POLB Berths				
OUTER	Boiler Warming (T)			X	VTB_45	Vessel Transit - Boiler Warming - All POLB Berths				
OUTER	Boiler Warming (T)			X	VTB_46	Vessel Transit - Boiler Warming - All POLB Berths				
OUTER	Boiler Warming (T)			X	VTB_47	Vessel Transit - Boiler Warming - All POLB Berths				
OUTER	Boiler Warming (T)			X	VTB_48	Vessel Transit - Boiler Warming - All POLB Berths				
OUTER	Boiler Warming (T)			X	VTB_49	Vessel Transit - Boiler Warming - All POLB Berths				
OUTER	Tanker Cruising	X	X		VTFN_01	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X		VTFN_02	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X		VTFN_03	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X		VTFN_04	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X		VTFN_05	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X		VTFN_06	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X		VTFN_07	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X		VTFN_08	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X		VTFN_09	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X		VTFN_10	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X		VTFN_11	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X		VTFN_12	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02

PROPOSED PROJECT - MITIGATED										
Region	Emission Inventory Source Type	Terminal			ID	Source Description	AVERAGE ANNUAL EMISSIONS LB/YEAR		MAX HOURLY EMISSIONS LB/HR	
		PLAMT	XOM	LB			PLAMT PM	PLAMT TOG	PM TOTAL	TOG TOTAL
						lb/year	lb/year	lb/hr	lb/hr	lb/hr
OUTER	Tanker Cruising	X	X	X	VTFN_13	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTFN_14	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTFN_15	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTFN_16	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTFN_17	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTFN_18	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTFN_19	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTFN_20	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTFN_21	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTFN_22	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTFN_23	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTFN_24	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTFN_25	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTFN_26	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTFN_27	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTFN_28	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTFN_29	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTFN_30	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTFN_31	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTFN_32	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTFN_33	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTFN_34	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTFN_35	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTFN_36	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTFN_37	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTFN_38	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTFN_39	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTFN_40	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTFN_41	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTFN_42	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTFN_43	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTFN_44	Vessel Transit - Fairway - North	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTM_12	Vessel Transit - XOM				
OUTER	Tanker Cruising	X	X	X	VTM_13	Vessel Transit - XOM				
OUTER	Tanker Cruising	X	X	X	VTM_14	Vessel Transit - XOM				

PROPOSED PROJECT - MITIGATED										
Region	Emission Inventory Source Type	Terminal			ID	Source Description	AVERAGE ANNUAL EMISSIONS LB/YEAR	AVERAGE ANNUAL EMISSIONS LB/YEAR	MAX HOURLY EMISSIONS LB/HR	MAX HOURLY EMISSIONS LB/HR
		PLAMT	XOM	LB						
OUTER	Tanker Cruising		X		VTM_15	Vessel Transit - XOM				
OUTER	Tanker Cruising	X	X		VTM_16	Vessel Transit - All POLA	50.41	323.98	0.01	0.04
OUTER	Tanker Cruising	X			VTM_17	Vessel Maneuvering - PLAMT	50.41	323.98	0.01	0.04
OUTER	Tanker Maneuvering	X			VTM_18	Vessel Maneuvering - PLAMT Berth	214.25	1,376.92	0.02	0.16
OUTER	Tanker Cruising	X	X		VTM_19	Vessel Transit - All POLA	50.41	323.98	0.01	0.04
OUTER	Tanker Cruising	X	X		VTM_20	Vessel Transit - All POLA	50.41	323.98	0.01	0.04
OUTER	Tanker Cruising	X	X		VTM_21	Vessel Transit - All POLA	50.41	323.98	0.01	0.04
OUTER	Tanker Cruising	X	X		VTM_22	Vessel Transit - All POLA	50.41	323.98	0.01	0.04
OUTER	Tanker Cruising	X	X		VTM_23	Vessel Transit - All POLA	50.41	323.98	0.01	0.04
OUTER	Tanker Cruising	X	X		VTM_24	Vessel Transit - All POLA	50.41	323.98	0.01	0.04
OUTER	Tanker Cruising			X	VTM_PB15	Vessel Transit - POLB Berths				
OUTER	Tanker Cruising			X	VTM_PB16	Vessel Transit - POLB Berths				
OUTER	Tanker Cruising			X	VTM_PB17	Vessel Transit - POLB Berths				
OUTER	Tanker Cruising			X	VTM_PB18	Vessel Transit - POLB Berths				
OUTER	Tanker Cruising			X	VTM_PB19	Vessel Transit - POLB Berths				
OUTER	Tanker Cruising			X	VTM_PB20	Vessel Transit - POLB Berths				
OUTER	Tanker Cruising			X	VTM_PB21	Vessel Transit - POLB Berths				
OUTER	Tanker Cruising			X	VTM_PB22	Vessel Transit - POLB Berths				
OUTER	Tanker Cruising			X	VTM_PB23	Vessel Transit - POLB Berths				
OUTER	Tanker Cruising			X	VTM_PB24	Vessel Transit - POLB Berths				
OUTER	Tanker Cruising			X	VTM_PB25	Vessel Transit - POLB Berths				
OUTER	Tanker Cruising			X	VTM_PB26	Vessel Transit - POLB Berths				
OUTER	Tanker Cruising			X	VTM_PB27	Vessel Transit - POLB Berths				
OUTER	Tanker Cruising			X	VTM_PB28	Vessel Transit - POLB Berths				
OUTER	Tanker Cruising			X	VTM_PB29	Vessel Transit - POLB Berths				
OUTER	Tanker Cruising			X	VTM_PB30	Vessel Transit - POLB Berths				
OUTER	Tanker Cruising			X	VTM_PB31	Vessel Transit - POLB Berths				
OUTER	Tanker Cruising			X	VTM_PB32	Vessel Transit - POLB Berths				
OUTER	Tanker Cruising			X	VTM_PB33	Vessel Transit - POLB Berths				
OUTER	Tanker Cruising			X	VTM_PB34	Vessel Transit - POLB Berths				
OUTER	Tanker Cruising			X	VTM_PB35	Vessel Transit - POLB Berths				
OUTER	Tanker Cruising	X	X		VTP_AG01	Vessel Transit - PZ to Angels Gate	188.24	461.72	0.02	0.05
OUTER	Tanker Cruising	X	X		VTP_AG02	Vessel Transit - PZ to Angels Gate	188.24	461.72	0.02	0.05
OUTER	Tanker Cruising	X	X		VTP_AG03	Vessel Transit - PZ to Angels Gate	188.24	461.72	0.02	0.05
OUTER	Tanker Cruising	X	X		VTP_AG04	Vessel Transit - PZ to Angels Gate	188.24	461.72	0.02	0.05

PROPOSED PROJECT - MITIGATED										
Region	Emission Inventory Source Type	Terminal			ID	Source Description	AVERAGE ANNUAL EMISSIONS LB/YEAR	AVERAGE ANNUAL EMISSIONS LB/YEAR	MAX HOURLY EMISSIONS LB/HR	MAX HOURLY EMISSIONS LB/HR
		PLAMT	XOM	LB						
OUTER	Tanker Cruising	X	X		VTP_AG05	Vessel Transit - PZ to Angels Gate	188.24	461.72	0.02	0.05
OUTER	Tanker Cruising	X	X		VTP_AG06	Vessel Transit - PZ to Angels Gate	188.24	461.72	0.02	0.05
OUTER	Tanker Cruising	X	X		VTP_AG07	Vessel Transit - PZ to Angels Gate	188.24	461.72	0.02	0.05
OUTER	Tanker Cruising	X	X		VTP_AG08	Vessel Transit - PZ to Angels Gate	188.24	461.72	0.02	0.05
OUTER	Tanker Cruising	X	X		VTP_AG09	Vessel Transit - PZ to Angels Gate	188.24	461.72	0.02	0.05
OUTER	Tanker Cruising	X	X		VTP_AG10	Vessel Transit - PZ to Angels Gate	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X		VTP_AG11	Vessel Transit - PZ to Angels Gate	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X		VTP_AG12	Vessel Transit - PZ to Angels Gate	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X		VTP_AG13	Vessel Transit - PZ to Angels Gate	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X		VTP_AG14	Vessel Transit - PZ to Angels Gate	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X		VTP_AG15	Vessel Transit - PZ to Angels Gate	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X		VTP_AG16	Vessel Transit - PZ to Angels Gate	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X		VTP_AG17	Vessel Transit - PZ to Angels Gate	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising		X	X	VTP_QG01	Vessel Transit - PZ to Queens Gate				
OUTER	Tanker Cruising		X	X	VTP_QG02	Vessel Transit - PZ to Queens Gate				
OUTER	Tanker Cruising		X	X	VTP_QG03	Vessel Transit - PZ to Queens Gate				
OUTER	Tanker Cruising		X	X	VTP_QG04	Vessel Transit - PZ to Queens Gate				
OUTER	Tanker Cruising		X	X	VTP_QG05	Vessel Transit - PZ to Queens Gate				
OUTER	Tanker Cruising		X	X	VTP_QG06	Vessel Transit - PZ to Queens Gate				
OUTER	Tanker Cruising		X	X	VTP_QG07	Vessel Transit - PZ to Queens Gate				
OUTER	Tanker Cruising		X	X	VTP_QG08	Vessel Transit - PZ to Queens Gate				
OUTER	Tanker Cruising		X	X	VTP_QG09	Vessel Transit - PZ to Queens Gate				
OUTER	Tanker Cruising		X	X	VTP_QG10	Vessel Transit - PZ to Queens Gate				
OUTER	Tanker Cruising		X	X	VTP_QG11	Vessel Transit - PZ to Queens Gate				
OUTER	Tanker Cruising		X	X	VTP_QG12	Vessel Transit - PZ to Queens Gate				
OUTER	Tanker Cruising		X	X	VTP_QG13	Vessel Transit - PZ to Queens Gate				
OUTER	Tanker Cruising		X	X	VTP_QG14	Vessel Transit - PZ to Queens Gate				
OUTER	Tanker Cruising		X	X	VTP_QG15	Vessel Transit - PZ to Queens Gate				
OUTER	Tanker Cruising		X	X	VTP_QG16	Vessel Transit - PZ to Queens Gate				
OUTER	Tanker Cruising		X	X	VTP_QG17	Vessel Transit - PZ to Queens Gate				
OUTER	Tanker Cruising		X	X	VTP_QG18	Vessel Transit - PZ to Queens Gate				
OUTER	Tanker Cruising		X	X	VTP_QG19	Vessel Transit - PZ to Queens Gate				
OUTER	Tanker Cruising	X	X	X	VTP_S01	Vessel Transit - PZ to the Split	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTP_S02	Vessel Transit - PZ to the Split	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTP_S03	Vessel Transit - PZ to the Split	76.25	153.78	0.01	0.02

PROPOSED PROJECT - MITIGATED										
Region	Emission Inventory Source Type	Terminal			ID	Source Description	AVERAGE ANNUAL EMISSIONS LB/YEAR	PLAMT TOG lb/year	MAX HOURLY EMISSIONS LB/HR	TOG TOTAL lb/hr
		PLAMT	XOM	LB						
OUTER	Tanker Cruising	X	X	X	VTP_S04	Vessel Transit - PZ to the Split	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTP_S05	Vessel Transit - PZ to the Split	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTP_S06	Vessel Transit - PZ to the Split	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTP_S07	Vessel Transit - PZ to the Split	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTP_S08	Vessel Transit - PZ to the Split	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTP_S09	Vessel Transit - PZ to the Split	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTP_S10	Vessel Transit - PZ to the Split	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTP_S11	Vessel Transit - PZ to the Split	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTP_S12	Vessel Transit - PZ to the Split	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTP_S13	Vessel Transit - PZ to the Split	76.25	153.78	0.01	0.02
OUTER	Tanker Cruising	X	X	X	VTP_S14	Vessel Transit - PZ to the Split	76.25	153.78	0.01	0.02
MIDDLE	Tug Assistance			X	THT_25	Tug - Harbor Transit - All POLB				
MIDDLE	Tug Assistance			X	THT_26	Tug - Harbor Transit - All POLB				
MIDDLE	Tug Assistance			X	THT_27	Tug - Harbor Transit - All POLB				
MIDDLE	Tug Assistance			X	THT_28	Tug - Harbor Transit - All POLB				
MIDDLE	Tug Assistance			X	THT_29	Tug - Harbor Transit - All POLB				
MIDDLE	Tug Assistance			X	THT_30	Tug - Harbor Transit - All POLB				
MIDDLE	Tug Assistance			X	THT_31	Tug - Harbor Transit - All POLB				
MIDDLE	Tug Assistance			X	THT_32	Tug - Harbor Transit - All POLB				
MIDDLE	Tug Assistance			X	THT_33	Tug - Harbor Transit - All POLB				
MIDDLE	Tug Assistance			X	THT_34	Tug - Harbor Transit - All POLB				
MIDDLE	Tug Assistance			X	THT_35	Tug - Harbor Transit - All POLB				
MIDDLE	Tug Assistance		X		TTM_F18	Tug Transit - XOM Berthing				
MIDDLE	Tug Assistance		X		TTM_F19	Tug Transit Far - to XOM				
MIDDLE	Tug Assistance		X		TTM_F20	Tug Transit Far - to XOM				
MIDDLE	Tug Assistance		X		TTM_F21	Tug Transit Far - to XOM				
MIDDLE	Tug Assistance		X		TTM_F22	Tug Transit Far - to XOM				
MIDDLE	Tug Assistance		X		TTM_F23	Tug Transit Far - to XOM				
MIDDLE	Tug Assistance		X		TTM_F24	Tug Transit Far - to XOM				
MIDDLE	Tug Assistance		X		TTM_F25	Tug Transit Far - to XOM				
MIDDLE	Tug Assistance		X		TTM_F26	Tug Transit Far - to XOM				
MIDDLE	Tug Assistance		X		TTM_F27	Tug Transit Far - to XOM				
MIDDLE	Tug Assistance		X		TTM_F28	Tug Transit Far - to XOM				
MIDDLE	Boiler Warming (T		X		VTB_13	Vessel Transit - Boiler Warming - XOM				
MIDDLE	Boiler Warming (T		X		VTB_15	Vessel Transit - Boiler Warming - XOM				

PROPOSED PROJECT - MITIGATED										
Region	Emission Inventory Source Type	Terminal			ID	Source Description	AVERAGE ANNUAL EMISSIONS LB/YEAR	AVERAGE ANNUAL EMISSIONS LB?YEAR	MAX HOURLY EMISSIONS LB/HR	MAX HOURLY EMISSIONS LB/HR
		PLAMT	XOM	LB						
MIDDLE	Boiler Warming (T)		X		VTB_17	Vessel Transit - Boiler Warming - XOM				
MIDDLE	Boiler Warming (T)		X		VTB_19	Vessel Transit - Boiler Warming - XOM				
MIDDLE	Boiler Warming (T)		X		VTB_21	Vessel Transit - Boiler Warming - XOM				
MIDDLE	Boiler Warming (T)			X	VTB_32	Vessel Transit - Boiler Warming - All POLB Berths				
MIDDLE	Boiler Warming (T)		X		VTB_35	Vessel Transit - Boiler Warming - All POLB Berths				
MIDDLE	Boiler Warming (T)		X		VTB_36	Vessel Transit - Boiler Warming - All POLB Berths				
MIDDLE	Boiler Warming (T)		X		VTB_37	Vessel Transit - Boiler Warming - All POLB Berths				
MIDDLE	Boiler Warming (T)		X		VTB_38	Vessel Transit - Boiler Warming - All POLB Berths				
MIDDLE	Boiler Warming (T)		X		VTB_39	Vessel Transit - Boiler Warming - All POLB Berths				
MIDDLE	Tanker Maneuver		X		VTM_01	Vessel Maneuvering - XOM Berthing				
MIDDLE	Tanker Cruising		X		VTM_02	Vessel Transit - XOM				
MIDDLE	Tanker Cruising		X		VTM_03	Vessel Transit - XOM				
MIDDLE	Tanker Cruising		X		VTM_04	Vessel Transit - XOM				
MIDDLE	Tanker Cruising		X		VTM_05	Vessel Transit - XOM				
MIDDLE	Tanker Cruising		X		VTM_06	Vessel Transit - XOM				
MIDDLE	Tanker Cruising		X		VTM_07	Vessel Transit - XOM				
MIDDLE	Tanker Cruising		X		VTM_08	Vessel Transit - XOM				
MIDDLE	Tanker Cruising		X		VTM_09	Vessel Transit - XOM				
MIDDLE	Tanker Cruising		X		VTM_10	Vessel Transit - XOM				
MIDDLE	Tanker Cruising		X		VTM_11	Vessel Transit - XOM				
MIDDLE	Tanker Cruising			X	VTM_PB02	Vessel Transit - POLB Berths				
MIDDLE	Tanker Cruising		X		VTM_PB04	Vessel Maneuvering - POLB Berths - Berthing				
MIDDLE	Tanker Maneuver			X	VTM_PB06	Vessel Transit - POLB Berths				
MIDDLE	Tanker Cruising		X		VTM_PB07	Vessel Transit - POLB Berths				
MIDDLE	Tanker Cruising		X		VTM_PB09	Vessel Transit - POLB Berths				
MIDDLE	Tanker Cruising		X		VTM_PB10	Vessel Transit - POLB Berths				
MIDDLE	Tanker Cruising		X		VTM_PB11	Vessel Transit - POLB Berths				
MIDDLE	Tanker Cruising		X		VTM_PB12	Vessel Transit - POLB Berths				
MIDDLE	Tanker Cruising		X		VTM_PB13	Vessel Transit - POLB Berths				
MIDDLE	Tanker Cruising		X		VTM_PB14	Vessel Transit - POLB Berths				
INNER	Tug Assistance		X		THT_21	Tug - Harbor Transit - Tesoro Berthing				
INNER	Tug Assistance		X		THT_22	Tug - Harbor Transit - BP Berthing				
INNER	Tug Assistance		X		THT_23	Tug - Harbor Transit - All POLB				
INNER	Tug Assistance		X		THT_24	Tug - Harbor Transit - All POLB				
INNER	Boiler Warming (T)			X	VTB_31	Vessel Transit - Boiler Warming - All POLB Berths				

PROPOSED PROJECT - MITIGATED										
Region	Emission Inventory Source Type	Terminal			ID	Source Description	AVERAGE ANNUAL EMISSIONS LB/YEAR	PLAMT TOG lb/year	AVERAGE ANNUAL EMISSIONS LB/HR	MAX HOURLY EMISSIONS LB/HR
		PLAMT	XOM	LB						
OUTER	VDU	X			VDU_1	PLAMT VDU	856.60	799.50	0.10	0.09
MIDDLE	OFFLOADING BC		X		BOILER_2	XOM Offload Boiler				
MIDDLE	HOTELING		X		HOTEL_2	XOM Vessel Hotelling				
MIDDLE	VDU		X		VDU_2	XOM VDU				
INNER	OFFLOADING BC			X	BOILER_3	TES Offload Boiler				
INNER	OFFLOADING BC			X	BOILER_4	BP Offload Boiler				
INNER	HOTELING			X	HOTEL_3	TES Vessel Hotelling				
INNER	HOTELING			X	HOTEL_4	BP Vessel Hotelling				
INNER	VDU			X	VDU_3	TES VDU				
INNER	VDU			X	VDU_4	BP VDU				

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION							
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	377000.0	3728500.0	5.72E-06	0	5.72E-06	2.78E-06	2.94E-06	1.58E-06	0	1.58E-06	2.78E-06	2.94E-06	-1.20E-06
COURSE GRID	377500.0	3728500.0	5.84E-06	0	5.84E-06	2.82E-06	3.02E-06	1.65E-06	0	1.65E-06	2.82E-06	3.02E-06	-1.17E-06
COURSE GRID	378000.0	3728500.0	5.97E-06	0	5.97E-06	2.84E-06	3.13E-06	1.72E-06	0	1.72E-06	2.84E-06	3.13E-06	-1.12E-06
COURSE GRID	378500.0	3728500.0	6.11E-06	0	6.11E-06	2.91E-06	3.20E-06	1.80E-06	0	1.80E-06	2.91E-06	3.20E-06	-1.11E-06
COURSE GRID	379000.0	3728500.0	6.26E-06	0	6.26E-06	3.03E-06	3.23E-06	1.89E-06	0	1.89E-06	3.03E-06	3.23E-06	-1.14E-06
COURSE GRID	379500.0	3728500.0	6.46E-06	0	6.46E-06	3.14E-06	3.32E-06	1.99E-06	0	1.99E-06	3.14E-06	3.32E-06	-1.15E-06
COURSE GRID	380000.0	3728500.0	6.68E-06	0	6.68E-06	3.19E-06	3.50E-06	2.12E-06	0	2.12E-06	3.19E-06	3.50E-06	-1.06E-06
COURSE GRID	380500.0	3728500.0	6.86E-06	0	6.86E-06	3.28E-06	3.58E-06	2.23E-06	0	2.23E-06	3.28E-06	3.58E-06	-1.05E-06
COURSE GRID	381000.0	3728500.0	6.93E-06	0	6.93E-06	3.44E-06	3.49E-06	2.30E-06	0	2.30E-06	3.44E-06	3.49E-06	-1.14E-06
COURSE GRID	381500.0	3728500.0	6.98E-06	0	6.98E-06	3.62E-06	3.36E-06	2.35E-06	0	2.35E-06	3.62E-06	3.36E-06	-1.27E-06
COURSE GRID	382000.0	3728500.0	7.35E-06	0	7.35E-06	3.76E-06	3.59E-06	2.51E-06	0	2.51E-06	3.76E-06	3.59E-06	-1.25E-06
COURSE GRID	382500.0	3728500.0	7.80E-06	0	7.80E-06	4.06E-06	3.75E-06	2.72E-06	0	2.72E-06	4.06E-06	3.75E-06	-1.34E-06
COURSE GRID	383000.0	3728500.0	8.26E-06	0	8.26E-06	4.62E-06	3.64E-06	2.95E-06	0	2.95E-06	4.62E-06	3.64E-06	-1.67E-06
COURSE GRID	383500.0	3728500.0	9.44E-06	0	9.44E-06	5.44E-06	4.01E-06	3.50E-06	0	3.50E-06	5.44E-06	4.01E-06	-1.93E-06
COURSE GRID	384000.0	3728500.0	1.15E-05	0	1.15E-05	6.10E-06	5.41E-06	4.48E-06	0	4.48E-06	6.10E-06	5.41E-06	-1.62E-06
COURSE GRID	384500.0	3728500.0	1.42E-05	0	1.42E-05	6.89E-06	7.32E-06	5.90E-06	0	5.90E-06	6.89E-06	7.32E-06	-9.85E-07
COURSE GRID	385000.0	3728500.0	1.72E-05	0	1.72E-05	7.60E-06	9.60E-06	7.40E-06	0	7.40E-06	7.60E-06	9.60E-06	-2.02E-07
COURSE GRID	385500.0	3728500.0	1.74E-05	0	1.74E-05	7.34E-06	1.01E-05	7.45E-06	0	7.45E-06	7.34E-06	1.01E-05	1.11E-07
COURSE GRID	386000.0	3728500.0	1.45E-05	0	1.45E-05	7.01E-06	7.49E-06	5.93E-06	0	5.93E-06	7.01E-06	7.49E-06	-1.08E-06
COURSE GRID	386500.0	3728500.0	1.24E-05	0	1.24E-05	6.65E-06	5.75E-06	4.84E-06	0	4.84E-06	6.65E-06	5.75E-06	-1.81E-06
COURSE GRID	387000.0	3728500.0	1.13E-05	0	1.13E-05	6.41E-06	4.89E-06	4.26E-06	0	4.26E-06	6.41E-06	4.89E-06	-2.15E-06
COURSE GRID	387500.0	3728500.0	1.06E-05	0	1.06E-05	6.30E-06	4.30E-06	3.97E-06	0	3.97E-06	6.30E-06	4.30E-06	-2.33E-06
COURSE GRID	388000.0	3728500.0	1.02E-05	0	1.02E-05	6.23E-06	3.97E-06	3.78E-06	0	3.78E-06	6.23E-06	3.97E-06	-2.45E-06
COURSE GRID	388500.0	3728500.0	9.91E-06	0	9.91E-06	6.23E-06	3.69E-06	3.60E-06	0	3.60E-06	6.23E-06	3.69E-06	-2.62E-06
COURSE GRID	389000.0	3728500.0	9.59E-06	0	9.59E-06	6.25E-06	3.34E-06	3.43E-06	0	3.43E-06	6.25E-06	3.34E-06	-2.82E-06
COURSE GRID	389500.0	3728500.0	9.25E-06	0	9.25E-06	6.42E-06	2.83E-06	3.24E-06	0	3.24E-06	6.42E-06	2.83E-06	-3.18E-06
COURSE GRID	390000.0	3728500.0	8.88E-06	0	8.88E-06	6.28E-06	2.61E-06	3.05E-06	0	3.05E-06	6.28E-06	2.61E-06	-3.22E-06
COURSE GRID	390500.0	3728500.0	8.51E-06	0	8.51E-06	6.39E-06	2.12E-06	2.87E-06	0	2.87E-06	6.39E-06	2.12E-06	-3.52E-06
COURSE GRID	391000.0	3728500.0	8.14E-06	0	8.14E-06	6.38E-06	1.76E-06	2.69E-06	0	2.69E-06	6.38E-06	1.76E-06	-3.69E-06
COURSE GRID	391500.0	3728500.0	7.80E-06	0	7.80E-06	6.26E-06	1.54E-06	2.53E-06	0	2.53E-06	6.26E-06	1.54E-06	-3.73E-06
COURSE GRID	392000.0	3728500.0	7.47E-06	0	7.47E-06	5.95E-06	1.53E-06	2.39E-06	0	2.39E-06	5.95E-06	1.53E-06	-3.55E-06
COURSE GRID	392500.0	3728500.0	7.18E-06	0	7.18E-06	5.56E-06	1.62E-06	2.26E-06	0	2.26E-06	5.56E-06	1.62E-06	-3.30E-06
COURSE GRID	393000.0	3728500.0	6.90E-06	0	6.90E-06	5.21E-06	1.69E-06	2.14E-06	0	2.14E-06	5.21E-06	1.69E-06	-3.07E-06
COURSE GRID	393500.0	3728500.0	6.65E-06	0	6.65E-06	4.97E-06	1.68E-06	2.03E-06	0	2.03E-06	4.97E-06	1.68E-06	-2.94E-06
COURSE GRID	377000.0	3729000.0	5.58E-06	0	5.58E-06	2.79E-06	2.79E-06	1.56E-06	0	1.56E-06	2.79E-06	2.79E-06	-1.23E-06
COURSE GRID	377500.0	3729000.0	5.72E-06	0	5.72E-06	2.87E-06	2.85E-06	1.63E-06	0	1.63E-06	2.87E-06	2.85E-06	-1.24E-06
COURSE GRID	378000.0	3729000.0	5.90E-06	0	5.90E-06	2.93E-06	2.97E-06	1.72E-06	0	1.72E-06	2.93E-06	2.97E-06	-1.21E-06
COURSE GRID	378500.0	3729000.0	6.08E-06	0	6.08E-06	2.97E-06	3.11E-06	1.82E-06	0	1.82E-06	2.97E-06	3.11E-06	-1.15E-06
COURSE GRID	379000.0	3729000.0	6.28E-06	0	6.28E-06	3.09E-06	3.19E-06	1.93E-06	0	1.93E-06	3.09E-06	3.19E-06	-1.16E-06
COURSE GRID	379500.0	3729000.0	6.49E-06	0	6.49E-06	3.25E-06	3.24E-06	2.05E-06	0	2.05E-06	3.25E-06	3.24E-06	-1.20E-06

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	380000.0	3729000.0	6.74E-06	0	6.74E-06	3.35E-06	3.39E-06	2.19E-06	0	3.35E-06	3.35E-06	-1.16E-06
COURSE GRID	380500.0	3729000.0	7.04E-06	0	7.04E-06	3.46E-06	3.59E-06	2.35E-06	0	3.46E-06	3.46E-06	-1.10E-06
COURSE GRID	381000.0	3729000.0	7.29E-06	0	7.29E-06	3.62E-06	3.67E-06	2.52E-06	0	3.62E-06	3.62E-06	-1.10E-06
COURSE GRID	381500.0	3729000.0	7.37E-06	0	7.37E-06	3.89E-06	3.48E-06	2.63E-06	0	3.89E-06	3.89E-06	-1.26E-06
COURSE GRID	382000.0	3729000.0	7.60E-06	0	7.60E-06	4.07E-06	3.53E-06	2.75E-06	0	4.07E-06	4.07E-06	-1.32E-06
COURSE GRID	382500.0	3729000.0	8.18E-06	0	8.18E-06	4.48E-06	3.71E-06	3.03E-06	0	4.48E-06	4.48E-06	-1.45E-06
COURSE GRID	383000.0	3729000.0	8.77E-06	0	8.77E-06	5.23E-06	3.54E-06	3.33E-06	0	5.23E-06	5.23E-06	-1.90E-06
COURSE GRID	383500.0	3729000.0	1.03E-05	0	1.03E-05	6.31E-06	3.99E-06	4.05E-06	0	6.31E-06	6.31E-06	-2.26E-06
COURSE GRID	384000.0	3729000.0	1.31E-05	0	1.31E-05	7.18E-06	5.93E-06	5.55E-06	0	7.18E-06	7.18E-06	-1.62E-06
COURSE GRID	384500.0	3729000.0	1.70E-05	0	1.70E-05	8.05E-06	8.95E-06	7.68E-06	0	8.05E-06	8.05E-06	-3.71E-07
COURSE GRID	385000.0	3729000.0	1.76E-05	0	1.76E-05	8.10E-06	9.50E-06	8.09E-06	0	8.10E-06	8.10E-06	-8.72E-09
COURSE GRID	385500.0	3729000.0	1.63E-05	0	1.63E-05	7.56E-06	8.75E-06	7.09E-06	0	7.56E-06	7.56E-06	-4.67E-07
COURSE GRID	386000.0	3729000.0	1.33E-05	0	1.33E-05	7.17E-06	6.13E-06	5.38E-06	0	7.17E-06	7.17E-06	-1.79E-06
COURSE GRID	386500.0	3729000.0	1.20E-05	0	1.20E-05	6.94E-06	5.06E-06	4.71E-06	0	6.94E-06	6.94E-06	-2.23E-06
COURSE GRID	387000.0	3729000.0	1.13E-05	0	1.13E-05	6.83E-06	4.47E-06	4.43E-06	0	6.83E-06	6.83E-06	-2.40E-06
COURSE GRID	387500.0	3729000.0	1.09E-05	0	1.09E-05	6.64E-06	4.27E-06	4.21E-06	0	6.64E-06	6.64E-06	-2.43E-06
COURSE GRID	388000.0	3729000.0	1.05E-05	0	1.05E-05	6.55E-06	3.95E-06	3.99E-06	0	6.55E-06	6.55E-06	-2.56E-06
COURSE GRID	388500.0	3729000.0	1.01E-05	0	1.01E-05	6.50E-06	3.60E-06	3.75E-06	0	6.50E-06	6.50E-06	-2.75E-06
COURSE GRID	389000.0	3729000.0	9.65E-06	0	9.65E-06	6.54E-06	3.11E-06	3.50E-06	0	6.54E-06	6.54E-06	-3.04E-06
COURSE GRID	389500.0	3729000.0	9.20E-06	0	9.20E-06	6.45E-06	2.75E-06	3.26E-06	0	6.45E-06	6.45E-06	-3.19E-06
COURSE GRID	390000.0	3729000.0	8.77E-06	0	8.77E-06	6.28E-06	2.49E-06	3.05E-06	0	6.28E-06	6.28E-06	-3.23E-06
COURSE GRID	390500.0	3729000.0	8.38E-06	0	8.38E-06	6.61E-06	1.77E-06	2.86E-06	0	6.61E-06	6.61E-06	-3.75E-06
COURSE GRID	391000.0	3729000.0	8.02E-06	0	8.02E-06	6.63E-06	1.39E-06	2.70E-06	0	6.63E-06	6.63E-06	-3.93E-06
COURSE GRID	391500.0	3729000.0	7.70E-06	0	7.70E-06	6.37E-06	1.33E-06	2.55E-06	0	6.37E-06	6.37E-06	-3.82E-06
COURSE GRID	392000.0	3729000.0	7.40E-06	0	7.40E-06	5.99E-06	1.41E-06	2.43E-06	0	5.99E-06	5.99E-06	-3.56E-06
COURSE GRID	392500.0	3729000.0	7.13E-06	0	7.13E-06	5.60E-06	1.53E-06	2.31E-06	0	5.60E-06	5.60E-06	-3.29E-06
COURSE GRID	393000.0	3729000.0	6.89E-06	0	6.89E-06	5.27E-06	1.62E-06	2.20E-06	0	5.27E-06	5.27E-06	-3.07E-06
COURSE GRID	393500.0	3729000.0	6.65E-06	0	6.65E-06	4.99E-06	1.66E-06	2.10E-06	0	4.99E-06	4.99E-06	-2.89E-06
COURSE GRID	377000.0	3729500.0	5.51E-06	0	5.51E-06	2.89E-06	2.62E-06	1.56E-06	0	2.89E-06	2.89E-06	-1.33E-06
COURSE GRID	377500.0	3729500.0	5.64E-06	0	5.64E-06	2.91E-06	2.73E-06	1.63E-06	0	2.91E-06	2.91E-06	-1.28E-06
COURSE GRID	378000.0	3729500.0	5.79E-06	0	5.79E-06	3.01E-06	2.78E-06	1.71E-06	0	3.01E-06	3.01E-06	-1.30E-06
COURSE GRID	378500.0	3729500.0	6.00E-06	0	6.00E-06	3.10E-06	2.90E-06	1.82E-06	0	3.10E-06	3.10E-06	-1.28E-06
COURSE GRID	379000.0	3729500.0	6.25E-06	0	6.25E-06	3.18E-06	3.07E-06	1.94E-06	0	3.18E-06	3.18E-06	-1.24E-06
COURSE GRID	379500.0	3729500.0	6.53E-06	0	6.53E-06	3.35E-06	3.18E-06	2.09E-06	0	3.35E-06	3.35E-06	-1.26E-06
COURSE GRID	380000.0	3729500.0	6.83E-06	0	6.83E-06	3.56E-06	3.27E-06	2.26E-06	0	3.56E-06	3.56E-06	-1.30E-06
COURSE GRID	380500.0	3729500.0	7.16E-06	0	7.16E-06	3.70E-06	3.47E-06	2.45E-06	0	3.70E-06	3.70E-06	-1.25E-06
COURSE GRID	381000.0	3729500.0	7.58E-06	0	7.58E-06	3.89E-06	3.69E-06	2.70E-06	0	3.89E-06	3.89E-06	-1.19E-06
COURSE GRID	381500.0	3729500.0	7.93E-06	0	7.93E-06	4.23E-06	3.71E-06	2.96E-06	0	4.23E-06	4.23E-06	-1.26E-06
COURSE GRID	382000.0	3729500.0	8.08E-06	0	8.08E-06	4.54E-06	3.54E-06	3.14E-06	0	4.54E-06	4.54E-06	-1.40E-06
COURSE GRID	382500.0	3729500.0	8.71E-06	0	8.71E-06	5.12E-06	3.59E-06	3.48E-06	0	5.12E-06	5.12E-06	-1.64E-06

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	383000.0	3729500.0	9.64E-06	0	9.64E-06	6.24E-06	3.40E-06	3.99E-06	0	6.24E-06	6.24E-06	-2.25E-06
COURSE GRID	383500.0	3729500.0	1.16E-05	0	1.16E-05	7.77E-06	3.83E-06	5.04E-06	0	7.77E-06	7.77E-06	-2.73E-06
COURSE GRID	384000.0	3729500.0	1.61E-05	0	1.61E-05	8.81E-06	7.29E-06	7.63E-06	0	8.81E-06	8.81E-06	-1.18E-06
COURSE GRID	384500.0	3729500.0	2.10E-05	0	2.10E-05	9.56E-06	1.14E-05	1.06E-05	0	1.06E-05	9.56E-06	1.04E-06
COURSE GRID	385000.0	3729500.0	1.74E-05	0	1.74E-05	8.57E-06	8.83E-06	8.48E-06	0	8.48E-06	8.57E-06	-8.86E-08
COURSE GRID	385500.0	3729500.0	1.46E-05	0	1.46E-05	7.82E-06	6.78E-06	6.31E-06	0	6.31E-06	7.82E-06	-1.51E-06
COURSE GRID	386000.0	3729500.0	1.32E-05	0	1.32E-05	7.75E-06	5.46E-06	5.54E-06	0	5.54E-06	7.75E-06	-2.21E-06
COURSE GRID	386500.0	3729500.0	1.25E-05	0	1.25E-05	7.56E-06	4.94E-06	5.17E-06	0	5.17E-06	7.56E-06	-2.39E-06
COURSE GRID	387000.0	3729500.0	1.19E-05	0	1.19E-05	7.29E-06	4.61E-06	4.80E-06	0	4.80E-06	7.29E-06	-2.49E-06
COURSE GRID	387500.0	3729500.0	1.13E-05	0	1.13E-05	7.02E-06	4.29E-06	4.44E-06	0	4.44E-06	7.02E-06	-2.58E-06
COURSE GRID	388000.0	3729500.0	1.07E-05	0	1.07E-05	6.81E-06	3.89E-06	4.09E-06	0	4.09E-06	6.81E-06	-2.72E-06
COURSE GRID	388500.0	3729500.0	1.01E-05	0	1.01E-05	6.80E-06	3.30E-06	3.78E-06	0	3.78E-06	6.80E-06	-3.02E-06
COURSE GRID	389000.0	3729500.0	9.62E-06	0	9.62E-06	6.63E-06	2.99E-06	3.53E-06	0	3.53E-06	6.63E-06	-3.10E-06
COURSE GRID	389500.0	3729500.0	9.16E-06	0	9.16E-06	6.47E-06	2.69E-06	3.31E-06	0	3.31E-06	6.47E-06	-3.16E-06
COURSE GRID	390000.0	3729500.0	8.75E-06	0	8.75E-06	6.60E-06	2.15E-06	3.11E-06	0	3.11E-06	6.60E-06	-3.49E-06
COURSE GRID	390500.0	3729500.0	8.38E-06	0	8.38E-06	6.97E-06	1.41E-06	2.94E-06	0	2.94E-06	6.97E-06	-4.03E-06
COURSE GRID	391000.0	3729500.0	8.04E-06	0	8.04E-06	6.86E-06	1.18E-06	2.78E-06	0	2.78E-06	6.86E-06	-4.08E-06
COURSE GRID	391500.0	3729500.0	7.73E-06	0	7.73E-06	6.55E-06	1.18E-06	2.64E-06	0	2.64E-06	6.55E-06	-3.91E-06
COURSE GRID	392000.0	3729500.0	7.45E-06	0	7.45E-06	6.08E-06	1.37E-06	2.51E-06	0	2.51E-06	6.08E-06	-3.57E-06
COURSE GRID	392500.0	3729500.0	7.19E-06	0	7.19E-06	5.63E-06	1.56E-06	2.40E-06	0	2.40E-06	5.63E-06	-3.23E-06
COURSE GRID	393000.0	3729500.0	6.95E-06	0	6.95E-06	5.29E-06	1.66E-06	2.29E-06	0	2.29E-06	5.29E-06	-3.00E-06
COURSE GRID	393500.0	3729500.0	6.73E-06	0	6.73E-06	5.06E-06	1.67E-06	2.19E-06	0	2.19E-06	5.06E-06	-2.87E-06
COURSE GRID	377000.0	3730000.0	5.41E-06	0	5.41E-06	3.00E-06	2.42E-06	1.56E-06	0	1.56E-06	3.00E-06	-1.43E-06
COURSE GRID	377500.0	3730000.0	5.56E-06	0	5.56E-06	3.06E-06	2.50E-06	1.64E-06	0	1.64E-06	3.06E-06	-1.42E-06
COURSE GRID	378000.0	3730000.0	5.74E-06	0	5.74E-06	3.09E-06	2.65E-06	1.73E-06	0	1.73E-06	3.09E-06	-1.36E-06
COURSE GRID	378500.0	3730000.0	5.96E-06	0	5.96E-06	3.23E-06	2.74E-06	1.83E-06	0	1.83E-06	3.23E-06	-1.39E-06
COURSE GRID	379000.0	3730000.0	6.20E-06	0	6.20E-06	3.34E-06	2.86E-06	1.96E-06	0	1.96E-06	3.34E-06	-1.38E-06
COURSE GRID	379500.0	3730000.0	6.50E-06	0	6.50E-06	3.48E-06	3.02E-06	2.11E-06	0	2.11E-06	3.48E-06	-1.37E-06
COURSE GRID	380000.0	3730000.0	6.89E-06	0	6.89E-06	3.75E-06	3.14E-06	2.31E-06	0	2.31E-06	3.75E-06	-1.44E-06
COURSE GRID	380500.0	3730000.0	7.32E-06	0	7.32E-06	4.04E-06	3.28E-06	2.55E-06	0	2.55E-06	4.04E-06	-1.49E-06
COURSE GRID	381000.0	3730000.0	7.79E-06	0	7.79E-06	4.27E-06	3.52E-06	2.84E-06	0	2.84E-06	4.27E-06	-1.43E-06
COURSE GRID	381500.0	3730000.0	8.39E-06	0	8.39E-06	4.69E-06	3.71E-06	3.23E-06	0	3.23E-06	4.69E-06	-1.46E-06
COURSE GRID	382000.0	3730000.0	8.95E-06	0	8.95E-06	5.27E-06	3.68E-06	3.68E-06	0	3.68E-06	5.27E-06	-1.59E-06
COURSE GRID	382500.0	3730000.0	9.46E-06	0	9.46E-06	6.13E-06	3.33E-06	4.13E-06	0	4.13E-06	6.13E-06	-2.00E-06
COURSE GRID	383000.0	3730000.0	1.10E-05	0	1.10E-05	8.06E-06	2.94E-06	5.09E-06	0	5.09E-06	8.06E-06	-2.97E-06
COURSE GRID	383500.0	3730000.0	1.44E-05	0	1.44E-05	1.05E-05	3.95E-06	7.27E-06	0	7.27E-06	1.05E-05	-3.19E-06
COURSE GRID	384000.0	3730000.0	2.19E-05	0	2.19E-05	1.13E-05	1.06E-05	1.23E-05	0	1.23E-05	1.13E-05	9.80E-07
COURSE GRID	384500.0	3730000.0	2.43E-05	0	2.43E-05	1.15E-05	1.28E-05	1.44E-05	0	1.44E-05	1.15E-05	2.94E-06
COURSE GRID	385000.0	3730000.0	1.75E-05	0	1.75E-05	9.21E-06	8.29E-06	8.70E-06	0	8.70E-06	9.21E-06	-5.13E-07
COURSE GRID	385500.0	3730000.0	1.57E-05	0	1.57E-05	9.14E-06	6.56E-06	7.42E-06	0	7.42E-06	9.14E-06	-1.72E-06

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	386000.0	3730000.0	1.44E-05	0	1.44E-05	8.72E-06	5.68E-06	6.43E-06	0	8.72E-06	8.72E-06	-2.29E-06
COURSE GRID	386500.0	3730000.0	1.33E-05	0	1.33E-05	8.19E-06	5.11E-06	5.64E-06	0	8.19E-06	8.19E-06	-2.55E-06
COURSE GRID	387000.0	3730000.0	1.24E-05	0	1.24E-05	7.71E-06	4.69E-06	5.11E-06	0	7.71E-06	7.71E-06	-2.60E-06
COURSE GRID	387500.0	3730000.0	1.17E-05	0	1.17E-05	7.37E-06	4.34E-06	4.68E-06	0	7.37E-06	7.37E-06	-2.69E-06
COURSE GRID	388000.0	3730000.0	1.10E-05	0	1.10E-05	7.27E-06	3.73E-06	4.31E-06	0	7.27E-06	7.27E-06	-2.96E-06
COURSE GRID	388500.0	3730000.0	1.03E-05	0	1.03E-05	7.04E-06	3.26E-06	3.99E-06	0	7.04E-06	7.04E-06	-3.05E-06
COURSE GRID	389000.0	3730000.0	9.79E-06	0	9.79E-06	6.76E-06	3.03E-06	3.71E-06	0	6.76E-06	6.76E-06	-3.05E-06
COURSE GRID	389500.0	3730000.0	9.31E-06	0	9.31E-06	6.90E-06	2.41E-06	3.47E-06	0	6.90E-06	6.90E-06	-3.43E-06
COURSE GRID	390000.0	3730000.0	8.89E-06	0	8.89E-06	7.10E-06	1.79E-06	3.26E-06	0	7.10E-06	7.10E-06	-3.84E-06
COURSE GRID	390500.0	3730000.0	8.52E-06	0	8.52E-06	7.35E-06	1.17E-06	3.07E-06	0	7.35E-06	7.35E-06	-4.28E-06
COURSE GRID	391000.0	3730000.0	8.19E-06	0	8.19E-06	7.24E-06	9.51E-07	2.90E-06	0	7.24E-06	7.24E-06	-4.34E-06
COURSE GRID	391500.0	3730000.0	7.88E-06	0	7.88E-06	6.70E-06	1.18E-06	2.75E-06	0	6.70E-06	6.70E-06	-3.95E-06
COURSE GRID	392000.0	3730000.0	7.59E-06	0	7.59E-06	6.07E-06	1.52E-06	2.61E-06	0	6.07E-06	6.07E-06	-3.46E-06
COURSE GRID	392500.0	3730000.0	7.32E-06	0	7.32E-06	5.65E-06	1.67E-06	2.49E-06	0	5.65E-06	5.65E-06	-3.16E-06
COURSE GRID	393000.0	3730000.0	7.07E-06	0	7.07E-06	5.41E-06	1.66E-06	2.37E-06	0	5.41E-06	5.41E-06	-3.04E-06
COURSE GRID	393500.0	3730000.0	6.83E-06	0	6.83E-06	5.30E-06	1.53E-06	2.26E-06	0	5.30E-06	5.30E-06	-3.04E-06
COURSE GRID	377000.0	3730500.0	5.40E-06	0	5.40E-06	2.92E-06	2.48E-06	1.59E-06	0	2.92E-06	2.92E-06	-1.33E-06
COURSE GRID	377500.0	3730500.0	5.55E-06	0	5.55E-06	3.15E-06	2.40E-06	1.67E-06	0	3.15E-06	3.15E-06	-1.48E-06
COURSE GRID	378000.0	3730500.0	5.72E-06	0	5.72E-06	3.32E-06	2.41E-06	1.75E-06	0	3.32E-06	3.32E-06	-1.57E-06
COURSE GRID	378500.0	3730500.0	5.93E-06	0	5.93E-06	3.36E-06	2.57E-06	1.86E-06	0	3.36E-06	3.36E-06	-1.50E-06
COURSE GRID	379000.0	3730500.0	6.19E-06	0	6.19E-06	3.54E-06	2.65E-06	2.00E-06	0	3.54E-06	3.54E-06	-1.54E-06
COURSE GRID	379500.0	3730500.0	6.52E-06	0	6.52E-06	3.72E-06	2.80E-06	2.16E-06	0	3.72E-06	3.72E-06	-1.56E-06
COURSE GRID	380000.0	3730500.0	6.43E-06	0	6.43E-06	3.48E-06	2.96E-06	2.14E-06	0	3.48E-06	3.48E-06	-1.34E-06
COURSE GRID	380500.0	3730500.0	6.84E-06	0	6.84E-06	3.77E-06	3.07E-06	2.33E-06	0	3.77E-06	3.77E-06	-1.44E-06
COURSE GRID	381000.0	3730500.0	8.03E-06	0	8.03E-06	4.83E-06	3.20E-06	2.99E-06	0	4.83E-06	4.83E-06	-1.84E-06
COURSE GRID	381500.0	3730500.0	8.75E-06	0	8.75E-06	5.40E-06	3.35E-06	3.47E-06	0	5.40E-06	5.40E-06	-1.93E-06
COURSE GRID	382000.0	3730500.0	9.75E-06	0	9.75E-06	6.39E-06	3.37E-06	4.17E-06	0	6.39E-06	6.39E-06	-2.22E-06
COURSE GRID	382500.0	3730500.0	1.09E-05	0	1.09E-05	8.07E-06	2.84E-06	5.22E-06	0	8.07E-06	8.07E-06	-2.85E-06
COURSE GRID	383000.0	3730500.0	1.31E-05	0	1.31E-05	1.18E-05	1.27E-06	6.98E-06	0	1.18E-05	1.18E-05	-4.86E-06
COURSE GRID	383500.0	3730500.0	2.14E-05	0	2.14E-05	1.54E-05	5.96E-06	1.33E-05	0	1.54E-05	1.54E-05	-2.74E-06
COURSE GRID	384000.0	3730500.0	2.86E-05	0	2.86E-05	1.41E-05	1.45E-05	1.88E-05	0	1.41E-05	1.41E-05	4.72E-06
COURSE GRID	384500.0	3730500.0	2.55E-05	0	2.55E-05	1.33E-05	1.22E-05	1.63E-05	0	1.33E-05	1.33E-05	2.96E-06
COURSE GRID	385000.0	3730500.0	2.32E-05	0	2.32E-05	1.22E-05	1.10E-05	1.37E-05	0	1.22E-05	1.22E-05	1.46E-06
COURSE GRID	385500.0	3730500.0	1.88E-05	0	1.88E-05	1.08E-05	8.00E-06	9.69E-06	0	1.08E-05	1.08E-05	-1.12E-06
COURSE GRID	386000.0	3730500.0	1.62E-05	0	1.62E-05	9.74E-06	6.46E-06	7.71E-06	0	9.74E-06	9.74E-06	-2.03E-06
COURSE GRID	386500.0	3730500.0	1.45E-05	0	1.45E-05	8.94E-06	5.56E-06	6.52E-06	0	8.94E-06	8.94E-06	-2.42E-06
COURSE GRID	387000.0	3730500.0	1.32E-05	0	1.32E-05	8.36E-06	4.84E-06	5.70E-06	0	8.36E-06	8.36E-06	-2.66E-06
COURSE GRID	387500.0	3730500.0	1.22E-05	0	1.22E-05	8.04E-06	4.16E-06	5.08E-06	0	8.04E-06	8.04E-06	-2.96E-06
COURSE GRID	388000.0	3730500.0	1.13E-05	0	1.13E-05	7.66E-06	3.64E-06	4.60E-06	0	7.66E-06	7.66E-06	-3.06E-06
COURSE GRID	388500.0	3730500.0	1.07E-05	0	1.07E-05	7.25E-06	3.45E-06	4.21E-06	0	7.25E-06	7.25E-06	-3.04E-06

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	389000.0	3730500.0	1.01E-05	0	1.01E-05	7.29E-06	2.81E-06	3.90E-06	0	3.90E-06	7.29E-06	-3.39E-06
COURSE GRID	389500.0	3730500.0	9.60E-06	0	9.60E-06	7.34E-06	2.26E-06	3.63E-06	0	3.63E-06	7.34E-06	-3.71E-06
COURSE GRID	390000.0	3730500.0	9.16E-06	0	9.16E-06	7.59E-06	1.57E-06	3.39E-06	0	3.39E-06	7.59E-06	-4.20E-06
COURSE GRID	390500.0	3730500.0	8.75E-06	0	8.75E-06	7.97E-06	7.81E-07	3.18E-06	0	3.18E-06	7.97E-06	-4.79E-06
COURSE GRID	391000.0	3730500.0	8.37E-06	0	8.37E-06	7.54E-06	8.31E-07	3.00E-06	0	3.00E-06	7.54E-06	-4.54E-06
COURSE GRID	391500.0	3730500.0	8.02E-06	0	8.02E-06	6.64E-06	1.38E-06	2.83E-06	0	2.83E-06	6.64E-06	-3.81E-06
COURSE GRID	392000.0	3730500.0	7.69E-06	0	7.69E-06	6.10E-06	1.59E-06	2.67E-06	0	2.67E-06	6.10E-06	-3.43E-06
COURSE GRID	392500.0	3730500.0	7.39E-06	0	7.39E-06	5.85E-06	1.54E-06	2.53E-06	0	2.53E-06	5.85E-06	-3.32E-06
COURSE GRID	393000.0	3730500.0	7.11E-06	0	7.11E-06	5.69E-06	1.42E-06	2.40E-06	0	2.40E-06	5.69E-06	-3.29E-06
COURSE GRID	393500.0	3730500.0	6.84E-06	0	6.84E-06	5.51E-06	1.33E-06	2.29E-06	0	2.29E-06	5.51E-06	-3.22E-06
COURSE GRID	377000.0	3731000.0	5.38E-06	0	5.38E-06	3.01E-06	2.37E-06	1.60E-06	0	1.60E-06	3.01E-06	-1.41E-06
COURSE GRID	377500.0	3731000.0	5.54E-06	0	5.54E-06	3.12E-06	2.42E-06	1.69E-06	0	1.69E-06	3.12E-06	-1.43E-06
COURSE GRID	378000.0	3731000.0	5.74E-06	0	5.74E-06	3.35E-06	2.39E-06	1.78E-06	0	1.78E-06	3.35E-06	-1.57E-06
COURSE GRID	378500.0	3731000.0	5.97E-06	0	5.97E-06	3.66E-06	2.31E-06	1.90E-06	0	1.90E-06	3.66E-06	-1.76E-06
COURSE GRID	379000.0	3731000.0	6.05E-06	0	6.05E-06	3.66E-06	2.39E-06	1.97E-06	0	1.97E-06	3.66E-06	-1.69E-06
COURSE GRID	379500.0	3731000.0	6.01E-06	0	6.01E-06	3.44E-06	2.57E-06	1.95E-06	0	1.95E-06	3.44E-06	-1.49E-06
COURSE GRID	380000.0	3731000.0	5.81E-06	0	5.81E-06	3.05E-06	2.77E-06	1.86E-06	0	1.86E-06	3.05E-06	-1.19E-06
COURSE GRID	380500.0	3731000.0	6.94E-06	0	6.94E-06	4.08E-06	2.87E-06	2.42E-06	0	2.42E-06	4.08E-06	-1.66E-06
COURSE GRID	381000.0	3731000.0	8.14E-06	0	8.14E-06	5.50E-06	2.64E-06	3.10E-06	0	3.10E-06	5.50E-06	-2.40E-06
COURSE GRID	381500.0	3731000.0	9.16E-06	0	9.16E-06	6.50E-06	2.66E-06	3.73E-06	0	3.73E-06	6.50E-06	-2.77E-06
COURSE GRID	382000.0	3731000.0	1.05E-05	0	1.05E-05	8.24E-06	2.26E-06	4.68E-06	0	4.68E-06	8.24E-06	-3.56E-06
COURSE GRID	382500.0	3731000.0	1.28E-05	0	1.28E-05	1.25E-05	3.30E-07	6.49E-06	0	6.49E-06	1.25E-05	-5.98E-06
COURSE GRID	383000.0	3731000.0	1.68E-05	0	1.68E-05	2.16E-05	-4.83E-06	1.04E-05	0	1.04E-05	2.16E-05	-1.12E-05
COURSE GRID	383500.0	3731000.0	2.25E-05	0	2.25E-05	1.88E-05	3.75E-06	1.49E-05	0	1.49E-05	1.88E-05	-3.85E-06
COURSE GRID	384000.0	3731000.0	4.31E-05	0	4.31E-05	2.15E-05	2.16E-05	3.22E-05	0	3.22E-05	2.15E-05	1.07E-05
COURSE GRID	384500.0	3731000.0	3.70E-05	0	3.70E-05	1.83E-05	1.87E-05	2.50E-05	0	2.50E-05	1.83E-05	6.71E-06
COURSE GRID	385000.0	3731000.0	2.86E-05	0	2.86E-05	1.50E-05	1.36E-05	1.76E-05	0	1.76E-05	1.50E-05	2.62E-06
COURSE GRID	385500.0	3731000.0	2.21E-05	0	2.21E-05	1.28E-05	9.30E-06	1.23E-05	0	1.23E-05	1.28E-05	-5.01E-07
COURSE GRID	386000.0	3731000.0	1.80E-05	0	1.80E-05	1.11E-05	6.90E-06	9.09E-06	0	9.09E-06	1.11E-05	-2.02E-06
COURSE GRID	386500.0	3731000.0	1.57E-05	0	1.57E-05	9.90E-06	5.80E-06	7.34E-06	0	7.34E-06	9.90E-06	-2.56E-06
COURSE GRID	387000.0	3731000.0	1.41E-05	0	1.41E-05	9.18E-06	4.92E-06	6.24E-06	0	6.24E-06	9.18E-06	-2.94E-06
COURSE GRID	387500.0	3731000.0	1.29E-05	0	1.29E-05	8.50E-06	4.41E-06	5.47E-06	0	5.47E-06	8.50E-06	-3.03E-06
COURSE GRID	388000.0	3731000.0	1.20E-05	0	1.20E-05	7.87E-06	4.14E-06	4.89E-06	0	4.89E-06	7.87E-06	-2.98E-06
COURSE GRID	388500.0	3731000.0	1.12E-05	0	1.12E-05	7.82E-06	3.38E-06	4.43E-06	0	4.43E-06	7.82E-06	-3.39E-06
COURSE GRID	389000.0	3731000.0	1.05E-05	0	1.05E-05	7.78E-06	2.72E-06	4.05E-06	0	4.05E-06	7.78E-06	-3.73E-06
COURSE GRID	389500.0	3731000.0	9.84E-06	0	9.84E-06	7.96E-06	1.88E-06	3.74E-06	0	3.74E-06	7.96E-06	-4.22E-06
COURSE GRID	390000.0	3731000.0	9.31E-06	0	9.31E-06	8.35E-06	9.61E-07	3.47E-06	0	3.47E-06	8.35E-06	-4.88E-06
COURSE GRID	390500.0	3731000.0	8.83E-06	0	8.83E-06	8.74E-06	9.08E-08	3.23E-06	0	3.23E-06	8.74E-06	-5.51E-06
COURSE GRID	391000.0	3731000.0	8.40E-06	0	8.40E-06	7.60E-06	8.01E-07	3.02E-06	0	3.02E-06	7.60E-06	-4.58E-06
COURSE GRID	391500.0	3731000.0	8.01E-06	0	8.01E-06	6.68E-06	1.33E-06	2.84E-06	0	2.84E-06	6.68E-06	-3.84E-06

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	392000.0	3731000.0	7.66E-06	0	7.66E-06	6.37E-06	1.29E-06	2.68E-06	0	6.37E-06	6.37E-06	-3.69E-06
COURSE GRID	392500.0	3731000.0	7.33E-06	0	7.33E-06	6.16E-06	1.17E-06	2.53E-06	0	6.16E-06	6.16E-06	-3.63E-06
COURSE GRID	393000.0	3731000.0	7.04E-06	0	7.04E-06	5.95E-06	1.09E-06	2.40E-06	0	5.95E-06	5.95E-06	-3.55E-06
COURSE GRID	393500.0	3731000.0	6.77E-06	0	6.77E-06	5.77E-06	9.99E-07	2.28E-06	0	5.77E-06	5.77E-06	-3.49E-06
COURSE GRID	377000.0	3731500.0	5.36E-06	0	5.36E-06	3.08E-06	2.28E-06	1.61E-06	0	3.08E-06	3.08E-06	-1.47E-06
COURSE GRID	377500.0	3731500.0	5.55E-06	0	5.55E-06	3.25E-06	2.30E-06	1.70E-06	0	3.25E-06	3.25E-06	-1.55E-06
COURSE GRID	378000.0	3731500.0	5.28E-06	0	5.28E-06	3.01E-06	2.27E-06	1.62E-06	0	3.01E-06	3.01E-06	-1.39E-06
COURSE GRID	378500.0	3731500.0	5.47E-06	0	5.47E-06	3.10E-06	2.37E-06	1.70E-06	0	3.10E-06	3.10E-06	-1.40E-06
COURSE GRID	379000.0	3731500.0	5.22E-06	0	5.22E-06	3.10E-06	2.12E-06	1.61E-06	0	3.10E-06	3.10E-06	-1.49E-06
COURSE GRID	379500.0	3731500.0	6.00E-06	0	6.00E-06	3.52E-06	2.48E-06	1.93E-06	0	3.52E-06	3.52E-06	-1.59E-06
COURSE GRID	380000.0	3731500.0	6.34E-06	0	6.34E-06	3.59E-06	2.75E-06	2.08E-06	0	3.59E-06	3.59E-06	-1.51E-06
COURSE GRID	380500.0	3731500.0	7.39E-06	0	7.39E-06	4.80E-06	2.59E-06	2.69E-06	0	4.80E-06	4.80E-06	-2.11E-06
COURSE GRID	381000.0	3731500.0	8.57E-06	0	8.57E-06	6.32E-06	2.25E-06	3.37E-06	0	6.32E-06	6.32E-06	-2.95E-06
COURSE GRID	381500.0	3731500.0	9.73E-06	0	9.73E-06	8.25E-06	1.49E-06	4.09E-06	0	8.25E-06	8.25E-06	-4.16E-06
COURSE GRID	382000.0	3731500.0	1.11E-05	0	1.11E-05	1.17E-05	-5.79E-07	5.05E-06	0	1.17E-05	1.17E-05	-6.63E-06
COURSE GRID	382500.0	3731500.0	1.37E-05	0	1.37E-05	1.88E-05	-5.08E-06	6.84E-06	0	1.88E-05	1.88E-05	-1.19E-05
COURSE GRID	383000.0	3731500.0	1.69E-05	0	1.69E-05	2.22E-05	-5.24E-06	9.49E-06	0	2.22E-05	2.22E-05	-1.27E-05
COURSE GRID	384500.0	3731500.0	3.02E-05	0	3.02E-05	1.72E-05	1.30E-05	1.81E-05	0	1.72E-05	1.72E-05	8.77E-07
COURSE GRID	385000.0	3731500.0	2.65E-05	0	2.65E-05	1.56E-05	1.09E-05	1.51E-05	0	1.56E-05	1.56E-05	-4.85E-07
COURSE GRID	385500.0	3731500.0	2.30E-05	0	2.30E-05	1.40E-05	9.05E-06	1.24E-05	0	1.40E-05	1.40E-05	-1.55E-06
COURSE GRID	386000.0	3731500.0	1.99E-05	0	1.99E-05	1.23E-05	7.65E-06	1.01E-05	0	1.23E-05	1.23E-05	-2.15E-06
COURSE GRID	386500.0	3731500.0	1.72E-05	0	1.72E-05	1.09E-05	6.27E-06	8.28E-06	0	1.09E-05	1.09E-05	-2.65E-06
COURSE GRID	387000.0	3731500.0	1.51E-05	0	1.51E-05	9.80E-06	5.30E-06	6.86E-06	0	9.80E-06	9.80E-06	-2.94E-06
COURSE GRID	387500.0	3731500.0	1.35E-05	0	1.35E-05	8.70E-06	4.80E-06	5.86E-06	0	8.70E-06	8.70E-06	-2.84E-06
COURSE GRID	388000.0	3731500.0	1.23E-05	0	1.23E-05	8.45E-06	3.85E-06	5.14E-06	0	8.45E-06	8.45E-06	-3.31E-06
COURSE GRID	388500.0	3731500.0	1.14E-05	0	1.14E-05	8.35E-06	3.05E-06	4.59E-06	0	8.35E-06	8.35E-06	-3.76E-06
COURSE GRID	389000.0	3731500.0	1.05E-05	0	1.05E-05	8.59E-06	1.91E-06	4.15E-06	0	8.59E-06	8.59E-06	-4.44E-06
COURSE GRID	389500.0	3731500.0	9.87E-06	0	9.87E-06	9.04E-06	8.31E-07	3.80E-06	0	9.04E-06	9.04E-06	-5.24E-06
COURSE GRID	390000.0	3731500.0	9.29E-06	0	9.29E-06	9.82E-06	-5.29E-07	3.50E-06	0	9.82E-06	9.82E-06	-6.32E-06
COURSE GRID	390500.0	3731500.0	8.78E-06	0	8.78E-06	9.69E-06	-9.09E-07	3.25E-06	0	9.69E-06	9.69E-06	-6.44E-06
COURSE GRID	391000.0	3731500.0	8.33E-06	0	8.33E-06	7.74E-06	5.91E-07	3.03E-06	0	7.74E-06	7.74E-06	-4.71E-06
COURSE GRID	391500.0	3731500.0	7.93E-06	0	7.93E-06	7.24E-06	6.91E-07	2.84E-06	0	7.24E-06	7.24E-06	-4.40E-06
COURSE GRID	392000.0	3731500.0	7.57E-06	0	7.57E-06	6.87E-06	7.01E-07	2.67E-06	0	6.87E-06	6.87E-06	-4.20E-06
COURSE GRID	392500.0	3731500.0	7.24E-06	0	7.24E-06	6.58E-06	6.58E-07	2.52E-06	0	6.58E-06	6.58E-06	-4.06E-06
COURSE GRID	393000.0	3731500.0	6.94E-06	0	6.94E-06	6.34E-06	6.04E-07	2.39E-06	0	6.34E-06	6.34E-06	-3.95E-06
COURSE GRID	393500.0	3731500.0	6.67E-06	0	6.67E-06	6.11E-06	5.60E-07	2.27E-06	0	6.11E-06	6.11E-06	-3.84E-06
COURSE GRID	377000.0	3732000.0	4.83E-06	0	4.83E-06	2.67E-06	2.16E-06	1.44E-06	0	2.67E-06	2.67E-06	-1.23E-06
COURSE GRID	377500.0	3732000.0	4.99E-06	0	4.99E-06	2.87E-06	2.12E-06	1.52E-06	0	2.87E-06	2.87E-06	-1.35E-06
COURSE GRID	378000.0	3732000.0	4.92E-06	0	4.92E-06	2.84E-06	2.09E-06	1.50E-06	0	2.84E-06	2.84E-06	-1.34E-06
COURSE GRID	378500.0	3732000.0	4.66E-06	0	4.66E-06	2.69E-06	1.97E-06	1.44E-06	0	2.69E-06	2.69E-06	-1.25E-06

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION				PROPOSE PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
			IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	IMPACT	BASELINE	IMPACT	BASELINE	IMPACT
COURSE GRID	379000.0	3732000.0	5.18E-06	0	5.18E-06	2.96E-06	0	1.64E-06	2.96E-06	1.64E-06	2.96E-06	-1.32E-06
COURSE GRID	379500.0	3732000.0	5.84E-06	0	5.84E-06	3.67E-06	0	1.90E-06	3.67E-06	1.90E-06	3.67E-06	-1.77E-06
COURSE GRID	380000.0	3732000.0	6.34E-06	0	6.34E-06	4.00E-06	0	2.10E-06	4.00E-06	2.10E-06	4.00E-06	-1.90E-06
COURSE GRID	380500.0	3732000.0	7.44E-06	0	7.44E-06	5.47E-06	0	2.71E-06	5.47E-06	2.71E-06	5.47E-06	-2.76E-06
COURSE GRID	381000.0	3732000.0	8.32E-06	0	8.32E-06	6.77E-06	0	3.18E-06	6.77E-06	3.18E-06	6.77E-06	-3.59E-06
COURSE GRID	381500.0	3732000.0	9.72E-06	0	9.72E-06	9.95E-06	0	3.95E-06	9.95E-06	3.95E-06	9.95E-06	-5.99E-06
COURSE GRID	382000.0	3732000.0	1.05E-05	0	1.05E-05	1.58E-05	0	4.44E-06	1.58E-05	4.44E-06	1.58E-05	-1.13E-05
COURSE GRID	382500.0	3732000.0	1.20E-05	0	1.20E-05	2.31E-05	0	5.31E-06	2.31E-05	5.31E-06	2.31E-05	-1.78E-05
COURSE GRID	383000.0	3732000.0	1.42E-05	0	1.42E-05	2.25E-05	0	6.22E-06	2.25E-05	6.22E-06	2.25E-05	-1.63E-05
COURSE GRID	383500.0	3732000.0	2.55E-05	0	2.55E-05	1.86E-05	0	1.05E-05	1.86E-05	1.05E-05	1.86E-05	-8.15E-06
COURSE GRID	384000.0	3732000.0	3.67E-05	0	3.67E-05	1.73E-05	0	1.57E-05	1.73E-05	1.57E-05	1.73E-05	-1.59E-06
COURSE GRID	384500.0	3732000.0	2.75E-05	0	2.75E-05	1.72E-05	0	1.36E-05	1.72E-05	1.36E-05	1.72E-05	-3.63E-06
COURSE GRID	385000.0	3732000.0	2.40E-05	0	2.40E-05	1.65E-05	0	1.22E-05	1.65E-05	1.22E-05	1.65E-05	-4.31E-06
COURSE GRID	385500.0	3732000.0	2.17E-05	0	2.17E-05	1.48E-05	0	1.09E-05	1.48E-05	1.09E-05	1.48E-05	-3.90E-06
COURSE GRID	386000.0	3732000.0	1.95E-05	0	1.95E-05	1.31E-05	0	9.52E-06	1.31E-05	9.52E-06	1.31E-05	-3.55E-06
COURSE GRID	386500.0	3732000.0	1.75E-05	0	1.75E-05	1.16E-05	0	8.30E-06	1.16E-05	8.30E-06	1.16E-05	-3.33E-06
COURSE GRID	387000.0	3732000.0	1.57E-05	0	1.57E-05	1.00E-05	0	7.20E-06	1.00E-05	7.20E-06	1.00E-05	-2.84E-06
COURSE GRID	387500.0	3732000.0	1.41E-05	0	1.41E-05	9.30E-06	0	6.24E-06	9.30E-06	6.24E-06	9.30E-06	-3.06E-06
COURSE GRID	388000.0	3732000.0	1.27E-05	0	1.27E-05	9.04E-06	0	5.43E-06	9.04E-06	5.43E-06	9.04E-06	-3.61E-06
COURSE GRID	388500.0	3732000.0	1.16E-05	0	1.16E-05	9.26E-06	0	4.79E-06	9.26E-06	4.79E-06	9.26E-06	-4.47E-06
COURSE GRID	389000.0	3732000.0	1.07E-05	0	1.07E-05	9.95E-06	0	4.30E-06	9.95E-06	4.30E-06	9.95E-06	-5.65E-06
COURSE GRID	389500.0	3732000.0	9.96E-06	0	9.96E-06	1.14E-05	0	3.90E-06	1.14E-05	3.90E-06	1.14E-05	-7.52E-06
COURSE GRID	390000.0	3732000.0	9.34E-06	0	9.34E-06	1.13E-05	0	3.58E-06	1.13E-05	3.58E-06	1.13E-05	-7.70E-06
COURSE GRID	390500.0	3732000.0	8.80E-06	0	8.80E-06	1.26E-05	0	3.31E-06	1.26E-05	3.31E-06	1.26E-05	-9.31E-06
COURSE GRID	391000.0	3732000.0	8.33E-06	0	8.33E-06	9.49E-06	0	3.07E-06	9.49E-06	3.07E-06	9.49E-06	-6.42E-06
COURSE GRID	391500.0	3732000.0	7.91E-06	0	7.91E-06	8.26E-06	0	2.87E-06	8.26E-06	2.87E-06	8.26E-06	-5.39E-06
COURSE GRID	392000.0	3732000.0	7.54E-06	0	7.54E-06	7.59E-06	0	2.70E-06	7.59E-06	2.70E-06	7.59E-06	-4.89E-06
COURSE GRID	392500.0	3732000.0	7.20E-06	0	7.20E-06	7.15E-06	0	2.54E-06	7.15E-06	2.54E-06	7.15E-06	-4.61E-06
COURSE GRID	393000.0	3732000.0	6.90E-06	0	6.90E-06	6.82E-06	0	2.40E-06	6.82E-06	2.40E-06	6.82E-06	-4.41E-06
COURSE GRID	393500.0	3732000.0	6.62E-06	0	6.62E-06	6.51E-06	0	2.27E-06	6.51E-06	2.27E-06	6.51E-06	-4.23E-06
COURSE GRID	377000.0	3732500.0	4.43E-06	0	4.43E-06	2.46E-06	0	1.33E-06	2.46E-06	1.33E-06	2.46E-06	-1.13E-06
COURSE GRID	377500.0	3732500.0	4.34E-06	0	4.34E-06	2.44E-06	0	1.31E-06	2.44E-06	1.31E-06	2.44E-06	-1.13E-06
COURSE GRID	378000.0	3732500.0	4.30E-06	0	4.30E-06	2.39E-06	0	1.32E-06	2.39E-06	1.32E-06	2.39E-06	-1.07E-06
COURSE GRID	378500.0	3732500.0	4.42E-06	0	4.42E-06	2.57E-06	0	1.38E-06	2.57E-06	1.38E-06	2.57E-06	-1.19E-06
COURSE GRID	379000.0	3732500.0	5.14E-06	0	5.14E-06	3.12E-06	0	1.62E-06	3.12E-06	1.62E-06	3.12E-06	-1.50E-06
COURSE GRID	379500.0	3732500.0	5.99E-06	0	5.99E-06	3.74E-06	0	1.93E-06	3.74E-06	1.93E-06	3.74E-06	-1.81E-06
COURSE GRID	380000.0	3732500.0	6.80E-06	0	6.80E-06	4.71E-06	0	2.30E-06	4.71E-06	2.30E-06	4.71E-06	-2.41E-06
COURSE GRID	380500.0	3732500.0	7.39E-06	0	7.39E-06	6.35E-06	0	2.65E-06	6.35E-06	2.65E-06	6.35E-06	-3.70E-06
COURSE GRID	381000.0	3732500.0	7.93E-06	0	7.93E-06	7.76E-06	0	2.95E-06	7.76E-06	2.95E-06	7.76E-06	-4.81E-06
COURSE GRID	381500.0	3732500.0	8.57E-06	0	8.57E-06	1.06E-05	0	3.29E-06	1.06E-05	3.29E-06	1.06E-05	-7.29E-06

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION				PROPOSE PROJECT - WITH MITIGATION			
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE
			IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE
COURSE GRID	382000.0	3732500.0	8.83E-06	0	8.83E-06	1.81E-05	-9.25E-06	3.49E-06	1.81E-05	-1.46E-05
COURSE GRID	382500.0	3732500.0	9.55E-06	0	9.55E-06	2.55E-05	-1.60E-05	3.84E-06	2.55E-05	-2.17E-05
COURSE GRID	383000.0	3732500.0	1.15E-05	0	1.15E-05	1.66E-05	-5.08E-06	4.75E-06	1.66E-05	-1.18E-05
COURSE GRID	383500.0	3732500.0	1.48E-05	0	1.48E-05	1.42E-05	5.69E-07	6.03E-06	1.42E-05	-8.21E-06
COURSE GRID	384000.0	3732500.0	1.86E-05	0	1.86E-05	1.54E-05	3.20E-06	7.81E-06	1.54E-05	-7.59E-06
COURSE GRID	384500.0	3732500.0	2.14E-05	0	2.14E-05	1.74E-05	4.00E-06	9.13E-06	1.74E-05	-8.27E-06
COURSE GRID	385000.0	3732500.0	2.29E-05	0	2.29E-05	1.74E-05	5.48E-06	9.83E-06	1.74E-05	-7.59E-06
COURSE GRID	385500.0	3732500.0	2.17E-05	0	2.17E-05	1.56E-05	6.06E-06	9.52E-06	1.56E-05	-6.12E-06
COURSE GRID	386000.0	3732500.0	1.97E-05	0	1.97E-05	1.38E-05	5.93E-06	8.77E-06	1.38E-05	-5.00E-06
COURSE GRID	386500.0	3732500.0	1.77E-05	0	1.77E-05	1.15E-05	6.20E-06	7.91E-06	1.15E-05	-3.59E-06
COURSE GRID	387000.0	3732500.0	1.60E-05	0	1.60E-05	1.03E-05	5.73E-06	7.10E-06	1.03E-05	-3.17E-06
COURSE GRID	387500.0	3732500.0	1.46E-05	0	1.46E-05	9.66E-06	4.94E-06	6.36E-06	9.66E-06	-3.30E-06
COURSE GRID	388000.0	3732500.0	1.33E-05	0	1.33E-05	9.89E-06	3.41E-06	5.67E-06	9.89E-06	-4.22E-06
COURSE GRID	388500.0	3732500.0	1.21E-05	0	1.21E-05	1.09E-05	1.21E-06	5.06E-06	1.09E-05	-5.83E-06
COURSE GRID	389000.0	3732500.0	1.11E-05	0	1.11E-05	1.28E-05	-1.73E-06	4.53E-06	1.28E-05	-8.30E-06
COURSE GRID	389500.0	3732500.0	1.03E-05	0	1.03E-05	1.28E-05	-2.46E-06	4.08E-06	1.28E-05	-8.68E-06
COURSE GRID	390000.0	3732500.0	9.57E-06	0	9.57E-06	1.57E-05	-6.16E-06	3.72E-06	1.57E-05	-1.20E-05
COURSE GRID	390500.0	3732500.0	8.98E-06	0	8.98E-06	1.29E-05	-3.95E-06	3.42E-06	1.29E-05	-9.51E-06
COURSE GRID	391000.0	3732500.0	8.46E-06	0	8.46E-06	1.08E-05	-2.38E-06	3.16E-06	1.08E-05	-7.68E-06
COURSE GRID	391500.0	3732500.0	8.02E-06	0	8.02E-06	9.39E-06	-1.37E-06	2.95E-06	9.39E-06	-6.44E-06
COURSE GRID	392000.0	3732500.0	7.62E-06	0	7.62E-06	8.41E-06	-7.91E-07	2.76E-06	8.41E-06	-5.65E-06
COURSE GRID	392500.0	3732500.0	7.26E-06	0	7.26E-06	7.78E-06	-5.17E-07	2.59E-06	7.78E-06	-5.19E-06
COURSE GRID	393000.0	3732500.0	6.94E-06	0	6.94E-06	7.30E-06	-3.54E-07	2.44E-06	7.30E-06	-4.85E-06
COURSE GRID	393500.0	3732500.0	6.65E-06	0	6.65E-06	6.86E-06	-2.08E-07	2.31E-06	6.86E-06	-4.55E-06
COURSE GRID	377000.0	3733000.0	3.67E-06	0	3.67E-06	1.94E-06	1.73E-06	1.10E-06	1.94E-06	-8.43E-07
COURSE GRID	377500.0	3733000.0	3.65E-06	0	3.65E-06	1.95E-06	1.70E-06	1.11E-06	1.95E-06	-8.39E-07
COURSE GRID	378000.0	3733000.0	3.85E-06	0	3.85E-06	2.12E-06	1.73E-06	1.18E-06	2.12E-06	-9.40E-07
COURSE GRID	378500.0	3733000.0	4.74E-06	0	4.74E-06	2.81E-06	1.94E-06	1.46E-06	2.81E-06	-1.34E-06
COURSE GRID	379000.0	3733000.0	5.26E-06	0	5.26E-06	3.30E-06	1.96E-06	1.65E-06	3.30E-06	-1.65E-06
COURSE GRID	379500.0	3733000.0	5.79E-06	0	5.79E-06	4.08E-06	1.71E-06	1.88E-06	4.08E-06	-2.20E-06
COURSE GRID	380000.0	3733000.0	6.22E-06	0	6.22E-06	5.20E-06	1.02E-06	2.10E-06	5.20E-06	-3.10E-06
COURSE GRID	380500.0	3733000.0	6.56E-06	0	6.56E-06	6.19E-06	3.79E-07	2.27E-06	6.19E-06	-3.91E-06
COURSE GRID	381000.0	3733000.0	6.83E-06	0	6.83E-06	8.11E-06	-1.29E-06	2.41E-06	8.11E-06	-5.70E-06
COURSE GRID	381500.0	3733000.0	7.22E-06	0	7.22E-06	1.09E-05	-3.73E-06	2.64E-06	1.09E-05	-8.30E-06
COURSE GRID	382000.0	3733000.0	7.64E-06	0	7.64E-06	1.52E-05	-7.61E-06	2.85E-06	1.52E-05	-1.24E-05
COURSE GRID	382500.0	3733000.0	8.23E-06	0	8.23E-06	1.78E-05	-9.59E-06	3.15E-06	1.78E-05	-1.47E-05
COURSE GRID	383000.0	3733000.0	9.13E-06	0	9.13E-06	1.27E-05	-3.61E-06	3.53E-06	1.27E-05	-9.21E-06
COURSE GRID	383500.0	3733000.0	1.05E-05	0	1.05E-05	1.23E-05	-1.78E-06	4.08E-06	1.23E-05	-8.21E-06
COURSE GRID	384000.0	3733000.0	1.26E-05	0	1.26E-05	1.67E-05	-4.11E-06	4.98E-06	1.67E-05	-1.17E-05
COURSE GRID	384500.0	3733000.0	1.43E-05	0	1.43E-05	2.01E-05	-5.79E-06	5.81E-06	2.01E-05	-1.43E-05

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION				PROPOSE PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE		
			IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE		
COURSE GRID	385000.0	3733000.0	1.58E-05	0	1.58E-05	1.88E-05	-2.99E-06	6.47E-06	1.88E-05	6.47E-06	1.88E-05	-1.23E-05
COURSE GRID	385500.0	3733000.0	1.74E-05	0	1.74E-05	1.63E-05	1.13E-06	7.08E-06	1.63E-05	7.08E-06	1.63E-05	-9.19E-06
COURSE GRID	386000.0	3733000.0	1.81E-05	0	1.81E-05	1.32E-05	4.94E-06	7.37E-06	1.32E-05	7.37E-06	1.32E-05	-5.79E-06
COURSE GRID	386500.0	3733000.0	1.75E-05	0	1.75E-05	1.13E-05	6.25E-06	7.19E-06	1.13E-05	7.19E-06	1.13E-05	-4.06E-06
COURSE GRID	387000.0	3733000.0	1.62E-05	0	1.62E-05	1.02E-05	6.04E-06	6.72E-06	1.02E-05	6.72E-06	1.02E-05	-3.44E-06
COURSE GRID	387500.0	3733000.0	1.48E-05	0	1.48E-05	1.02E-05	4.65E-06	6.18E-06	1.02E-05	6.18E-06	1.02E-05	-3.97E-06
COURSE GRID	388000.0	3733000.0	1.36E-05	0	1.36E-05	1.15E-05	2.14E-06	5.66E-06	1.15E-05	5.66E-06	1.15E-05	-5.80E-06
COURSE GRID	388500.0	3733000.0	1.25E-05	0	1.25E-05	1.40E-05	-1.50E-06	5.15E-06	1.40E-05	5.15E-06	1.40E-05	-8.85E-06
COURSE GRID	389000.0	3733000.0	1.15E-05	0	1.15E-05	1.33E-05	-1.84E-06	4.69E-06	1.33E-05	4.69E-06	1.33E-05	-8.65E-06
COURSE GRID	389500.0	3733000.0	1.07E-05	0	1.07E-05	1.65E-05	-5.79E-06	4.26E-06	1.65E-05	4.26E-06	1.65E-05	-1.22E-05
COURSE GRID	390000.0	3733000.0	9.89E-06	0	9.89E-06	1.38E-05	-3.88E-06	3.88E-06	1.38E-05	3.88E-06	1.38E-05	-9.89E-06
COURSE GRID	390500.0	3733000.0	9.22E-06	0	9.22E-06	1.21E-05	-2.85E-06	3.55E-06	1.21E-05	3.55E-06	1.21E-05	-8.52E-06
COURSE GRID	391000.0	3733000.0	8.65E-06	0	8.65E-06	1.09E-05	-2.21E-06	3.27E-06	1.09E-05	3.27E-06	1.09E-05	-7.59E-06
COURSE GRID	391500.0	3733000.0	8.16E-06	0	8.16E-06	9.89E-06	-1.73E-06	3.03E-06	9.89E-06	3.03E-06	9.89E-06	-6.86E-06
COURSE GRID	392000.0	3733000.0	7.73E-06	0	7.73E-06	9.11E-06	-1.38E-06	2.83E-06	9.11E-06	2.83E-06	9.11E-06	-6.28E-06
COURSE GRID	392500.0	3733000.0	7.35E-06	0	7.35E-06	8.41E-06	-1.06E-06	2.65E-06	8.41E-06	2.65E-06	8.41E-06	-5.76E-06
COURSE GRID	393000.0	3733000.0	7.01E-06	0	7.01E-06	7.75E-06	-7.41E-07	2.49E-06	7.75E-06	2.49E-06	7.75E-06	-5.26E-06
COURSE GRID	393500.0	3733000.0	6.71E-06	0	6.71E-06	7.17E-06	-4.62E-07	2.36E-06	7.17E-06	2.36E-06	7.17E-06	-4.81E-06
COURSE GRID	377000.0	3733500.0	3.22E-06	0	3.22E-06	1.84E-06	1.38E-06	9.63E-07	1.84E-06	9.63E-07	1.84E-06	-8.75E-07
COURSE GRID	377500.0	3733500.0	3.36E-06	0	3.36E-06	1.96E-06	1.40E-06	1.02E-06	1.96E-06	1.02E-06	1.96E-06	-9.37E-07
COURSE GRID	378000.0	3733500.0	4.01E-06	0	4.01E-06	2.39E-06	1.62E-06	1.22E-06	2.39E-06	1.22E-06	2.39E-06	-1.17E-06
COURSE GRID	378500.0	3733500.0	4.43E-06	0	4.43E-06	2.75E-06	1.68E-06	1.36E-06	2.75E-06	1.36E-06	2.75E-06	-1.39E-06
COURSE GRID	379000.0	3733500.0	5.08E-06	0	5.08E-06	3.45E-06	1.64E-06	1.59E-06	3.45E-06	1.59E-06	3.45E-06	-1.86E-06
COURSE GRID	379500.0	3733500.0	5.40E-06	0	5.40E-06	4.11E-06	1.29E-06	1.73E-06	4.11E-06	1.73E-06	4.11E-06	-2.38E-06
COURSE GRID	380000.0	3733500.0	5.64E-06	0	5.64E-06	5.04E-06	6.03E-07	1.86E-06	5.04E-06	1.86E-06	5.04E-06	-3.18E-06
COURSE GRID	380500.0	3733500.0	5.83E-06	0	5.83E-06	6.28E-06	-4.55E-07	1.96E-06	6.28E-06	1.96E-06	6.28E-06	-4.32E-06
COURSE GRID	381000.0	3733500.0	6.05E-06	0	6.05E-06	7.92E-06	-1.87E-06	2.07E-06	7.92E-06	2.07E-06	7.92E-06	-5.85E-06
COURSE GRID	381500.0	3733500.0	6.43E-06	0	6.43E-06	1.20E-05	-5.61E-06	2.26E-06	1.20E-05	2.26E-06	1.20E-05	-9.77E-06
COURSE GRID	382500.0	3733500.0	7.36E-06	0	7.36E-06	1.36E-05	-6.21E-06	2.70E-06	1.36E-05	2.70E-06	1.36E-05	-1.09E-05
COURSE GRID	383000.0	3733500.0	7.55E-06	0	7.55E-06	1.14E-05	-3.88E-06	2.76E-06	1.14E-05	2.76E-06	1.14E-05	-8.67E-06
COURSE GRID	383500.0	3733500.0	8.46E-06	0	8.46E-06	1.29E-05	-4.42E-06	3.13E-06	1.29E-05	3.13E-06	1.29E-05	-9.74E-06
COURSE GRID	384000.0	3733500.0	9.75E-06	0	9.75E-06	2.28E-05	-1.30E-05	3.68E-06	2.28E-05	3.68E-06	2.28E-05	-1.91E-05
COURSE GRID	384500.0	3733500.0	1.10E-05	0	1.10E-05	2.59E-05	-1.49E-05	4.22E-06	2.59E-05	4.22E-06	2.59E-05	-2.17E-05
COURSE GRID	385000.0	3733500.0	1.21E-05	0	1.21E-05	2.10E-05	-8.94E-06	4.74E-06	2.10E-05	4.74E-06	2.10E-05	-1.63E-05
COURSE GRID	385500.0	3733500.0	1.28E-05	0	1.28E-05	1.52E-05	-2.41E-06	5.06E-06	1.52E-05	5.06E-06	1.52E-05	-1.01E-05
COURSE GRID	386000.0	3733500.0	1.37E-05	0	1.37E-05	1.19E-05	1.76E-06	5.39E-06	1.19E-05	5.39E-06	1.19E-05	-6.55E-06
COURSE GRID	386500.0	3733500.0	1.44E-05	0	1.44E-05	1.04E-05	4.03E-06	5.66E-06	1.04E-05	5.66E-06	1.04E-05	-4.71E-06
COURSE GRID	387000.0	3733500.0	1.47E-05	0	1.47E-05	1.01E-05	4.63E-06	5.76E-06	1.01E-05	5.76E-06	1.01E-05	-4.31E-06
COURSE GRID	387500.0	3733500.0	1.44E-05	0	1.44E-05	1.13E-05	3.06E-06	5.66E-06	1.13E-05	5.66E-06	1.13E-05	-5.68E-06
COURSE GRID	388000.0	3733500.0	1.36E-05	0	1.36E-05	1.50E-05	-1.37E-06	5.38E-06	1.50E-05	5.38E-06	1.50E-05	-9.59E-06

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	388500.0	3733500.0	1.27E-05	0	1.27E-05	1.37E-05	-1.02E-06	5.04E-06	0	5.04E-06	1.37E-05	-8.68E-06
COURSE GRID	389000.0	3733500.0	1.17E-05	0	1.17E-05	1.68E-05	-5.12E-06	4.67E-06	0	4.67E-06	1.68E-05	-1.21E-05
COURSE GRID	389500.0	3733500.0	1.09E-05	0	1.09E-05	1.42E-05	-3.32E-06	4.31E-06	0	4.31E-06	1.42E-05	-9.91E-06
COURSE GRID	390000.0	3733500.0	1.02E-05	0	1.02E-05	1.27E-05	-2.45E-06	3.97E-06	0	3.97E-06	1.27E-05	-8.68E-06
COURSE GRID	390500.0	3733500.0	9.48E-06	0	9.48E-06	1.16E-05	-2.14E-06	3.67E-06	0	3.67E-06	1.16E-05	-7.95E-06
COURSE GRID	391000.0	3733500.0	8.88E-06	0	8.88E-06	1.09E-05	-1.97E-06	3.38E-06	0	3.38E-06	1.09E-05	-7.47E-06
COURSE GRID	391500.0	3733500.0	8.35E-06	0	8.35E-06	1.02E-05	-1.81E-06	3.13E-06	0	3.13E-06	1.02E-05	-7.03E-06
COURSE GRID	392000.0	3733500.0	7.88E-06	0	7.88E-06	9.46E-06	-1.58E-06	2.91E-06	0	2.91E-06	9.46E-06	-6.55E-06
COURSE GRID	392500.0	3733500.0	7.46E-06	0	7.46E-06	8.79E-06	-1.32E-06	2.71E-06	0	2.71E-06	8.79E-06	-6.07E-06
COURSE GRID	393000.0	3733500.0	7.10E-06	0	7.10E-06	8.09E-06	-9.92E-07	2.55E-06	0	2.55E-06	8.09E-06	-5.54E-06
COURSE GRID	393500.0	3733500.0	6.78E-06	0	6.78E-06	7.41E-06	-6.27E-07	2.40E-06	0	2.40E-06	7.41E-06	-5.01E-06
COURSE GRID	377000.0	3734000.0	2.93E-06	0	2.93E-06	1.66E-06	1.27E-06	8.76E-07	0	8.76E-07	1.66E-06	-7.81E-07
COURSE GRID	377500.0	3734000.0	3.19E-06	0	3.19E-06	1.92E-06	1.27E-06	9.65E-07	0	9.65E-07	1.92E-06	-9.54E-07
COURSE GRID	378000.0	3734000.0	3.83E-06	0	3.83E-06	2.47E-06	1.36E-06	1.15E-06	0	1.15E-06	2.47E-06	-1.32E-06
COURSE GRID	378500.0	3734000.0	4.19E-06	0	4.19E-06	2.92E-06	1.27E-06	1.26E-06	0	1.26E-06	2.92E-06	-1.66E-06
COURSE GRID	379000.0	3734000.0	4.57E-06	0	4.57E-06	3.50E-06	1.08E-06	1.40E-06	0	1.40E-06	3.50E-06	-2.10E-06
COURSE GRID	379500.0	3734000.0	4.95E-06	0	4.95E-06	4.35E-06	6.10E-07	1.58E-06	0	1.58E-06	4.35E-06	-2.76E-06
COURSE GRID	380000.0	3734000.0	5.10E-06	0	5.10E-06	4.92E-06	1.74E-07	1.64E-06	0	1.64E-06	4.92E-06	-3.28E-06
COURSE GRID	380500.0	3734000.0	5.32E-06	0	5.32E-06	5.96E-06	-6.41E-07	1.75E-06	0	1.75E-06	5.96E-06	-4.21E-06
COURSE GRID	381000.0	3734000.0	5.44E-06	0	5.44E-06	7.70E-06	-2.26E-06	1.81E-06	0	1.81E-06	7.70E-06	-5.89E-06
COURSE GRID	381500.0	3734000.0	5.68E-06	0	5.68E-06	1.07E-05	-5.04E-06	1.93E-06	0	1.93E-06	1.07E-05	-8.79E-06
COURSE GRID	382000.0	3734000.0	6.17E-06	0	6.17E-06	1.76E-05	-1.14E-05	2.16E-06	0	2.16E-06	1.76E-05	-1.54E-05
COURSE GRID	382500.0	3734000.0	6.45E-06	0	6.45E-06	1.38E-05	-7.33E-06	2.27E-06	0	2.27E-06	1.38E-05	-1.15E-05
COURSE GRID	383000.0	3734000.0	6.61E-06	0	6.61E-06	1.32E-05	-6.60E-06	2.33E-06	0	2.33E-06	1.32E-05	-1.09E-05
COURSE GRID	383500.0	3734000.0	7.15E-06	0	7.15E-06	1.76E-05	-1.05E-05	2.54E-06	0	2.54E-06	1.76E-05	-1.51E-05
COURSE GRID	384000.0	3734000.0	8.07E-06	0	8.07E-06	4.26E-05	-3.45E-05	2.92E-06	0	2.92E-06	4.26E-05	-3.97E-05
COURSE GRID	384500.0	3734000.0	8.95E-06	0	8.95E-06	3.49E-05	-2.60E-05	3.31E-06	0	3.31E-06	3.49E-05	-3.16E-05
COURSE GRID	385000.0	3734000.0	9.78E-06	0	9.78E-06	1.96E-05	-9.81E-06	3.67E-06	0	3.67E-06	1.96E-05	-1.59E-05
COURSE GRID	385500.0	3734000.0	1.05E-05	0	1.05E-05	1.27E-05	-2.24E-06	3.98E-06	0	3.98E-06	1.27E-05	-8.76E-06
COURSE GRID	386000.0	3734000.0	1.08E-05	0	1.08E-05	1.05E-05	3.42E-07	4.15E-06	0	4.15E-06	1.05E-05	-6.31E-06
COURSE GRID	386500.0	3734000.0	1.13E-05	0	1.13E-05	1.01E-05	1.25E-06	4.33E-06	0	4.33E-06	1.01E-05	-5.72E-06
COURSE GRID	387000.0	3734000.0	1.18E-05	0	1.18E-05	1.08E-05	1.01E-06	4.50E-06	0	4.50E-06	1.08E-05	-6.29E-06
COURSE GRID	387500.0	3734000.0	1.22E-05	0	1.22E-05	1.49E-05	-2.70E-06	4.64E-06	0	4.64E-06	1.49E-05	-1.03E-05
COURSE GRID	388000.0	3734000.0	1.23E-05	0	1.23E-05	1.48E-05	-2.47E-06	4.69E-06	0	4.69E-06	1.48E-05	-1.01E-05
COURSE GRID	388500.0	3734000.0	1.21E-05	0	1.21E-05	1.69E-05	-4.81E-06	4.62E-06	0	4.62E-06	1.69E-05	-1.23E-05
COURSE GRID	389000.0	3734000.0	1.14E-05	0	1.14E-05	1.40E-05	-2.60E-06	4.38E-06	0	4.38E-06	1.40E-05	-9.62E-06
COURSE GRID	389500.0	3734000.0	1.08E-05	0	1.08E-05	1.28E-05	-1.96E-06	4.16E-06	0	4.16E-06	1.28E-05	-8.60E-06
COURSE GRID	390000.0	3734000.0	1.01E-05	0	1.01E-05	1.20E-05	-1.90E-06	3.89E-06	0	3.89E-06	1.20E-05	-8.11E-06
COURSE GRID	390500.0	3734000.0	9.62E-06	0	9.62E-06	1.17E-05	-2.07E-06	3.69E-06	0	3.69E-06	1.17E-05	-8.00E-06
COURSE GRID	391000.0	3734000.0	9.04E-06	0	9.04E-06	1.12E-05	-2.12E-06	3.44E-06	0	3.44E-06	1.12E-05	-7.72E-06

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	391500.0	3734000.0	8.51E-06	0	8.51E-06	1.05E-05	-2.03E-06	3.20E-06	0	3.20E-06	1.05E-05	-7.34E-06
COURSE GRID	392000.0	3734000.0	8.03E-06	0	8.03E-06	9.81E-06	-1.78E-06	2.99E-06	0	2.99E-06	9.81E-06	-6.82E-06
COURSE GRID	392500.0	3734000.0	7.60E-06	0	7.60E-06	9.02E-06	-1.42E-06	2.79E-06	0	2.79E-06	9.02E-06	-6.23E-06
COURSE GRID	393000.0	3734000.0	7.21E-06	0	7.21E-06	8.21E-06	-9.94E-07	2.61E-06	0	2.61E-06	8.21E-06	-5.59E-06
COURSE GRID	393500.0	3734000.0	6.86E-06	0	6.86E-06	7.41E-06	-5.51E-07	2.45E-06	0	2.45E-06	7.41E-06	-4.96E-06
COURSE GRID	377000.0	3734500.0	2.47E-06	0	2.47E-06	1.57E-06	9.00E-07	7.49E-07	0	7.49E-07	1.57E-06	-8.22E-07
COURSE GRID	377500.0	3734500.0	3.05E-06	0	3.05E-06	1.88E-06	1.18E-06	9.09E-07	0	9.09E-07	1.88E-06	-9.67E-07
COURSE GRID	378000.0	3734500.0	3.45E-06	0	3.45E-06	2.17E-06	1.28E-06	1.03E-06	0	1.03E-06	2.17E-06	-1.14E-06
COURSE GRID	378500.0	3734500.0	3.77E-06	0	3.77E-06	2.51E-06	1.27E-06	1.13E-06	0	1.13E-06	2.51E-06	-1.37E-06
COURSE GRID	379000.0	3734500.0	4.04E-06	0	4.04E-06	2.88E-06	1.16E-06	1.21E-06	0	1.21E-06	2.88E-06	-1.67E-06
COURSE GRID	379500.0	3734500.0	4.34E-06	0	4.34E-06	3.43E-06	9.10E-07	1.32E-06	0	1.32E-06	3.43E-06	-2.11E-06
COURSE GRID	380000.0	3734500.0	4.69E-06	0	4.69E-06	4.51E-06	1.79E-07	1.47E-06	0	1.47E-06	4.51E-06	-3.04E-06
COURSE GRID	380500.0	3734500.0	4.81E-06	0	4.81E-06	5.81E-06	-1.00E-06	1.53E-06	0	1.53E-06	5.81E-06	-4.28E-06
COURSE GRID	381000.0	3734500.0	4.80E-06	0	4.80E-06	7.56E-06	-2.76E-06	1.54E-06	0	1.54E-06	7.56E-06	-6.02E-06
COURSE GRID	381500.0	3734500.0	5.31E-06	0	5.31E-06	1.02E-05	-4.89E-06	1.78E-06	0	1.78E-06	1.02E-05	-8.42E-06
COURSE GRID	382000.0	3734500.0	5.71E-06	0	5.71E-06	1.33E-05	-7.60E-06	1.95E-06	0	1.95E-06	1.33E-05	-1.14E-05
COURSE GRID	382500.0	3734500.0	5.73E-06	0	5.73E-06	1.77E-05	-1.20E-05	1.95E-06	0	1.95E-06	1.77E-05	-1.58E-05
COURSE GRID	383000.0	3734500.0	5.88E-06	0	5.88E-06	2.56E-05	-1.98E-05	2.00E-06	0	2.00E-06	2.56E-05	-2.36E-05
COURSE GRID	383500.0	3734500.0	6.22E-06	0	6.22E-06	4.07E-05	-3.44E-05	2.14E-06	0	2.14E-06	4.07E-05	-3.85E-05
COURSE GRID	384000.0	3734500.0	6.91E-06	0	6.91E-06	1.05E-04	-9.85E-05	2.43E-06	0	2.43E-06	1.05E-04	-1.03E-04
COURSE GRID	384500.0	3734500.0	7.61E-06	0	7.61E-06	3.09E-04	-2.33E-05	2.72E-06	0	2.72E-06	3.09E-04	-2.82E-05
COURSE GRID	385000.0	3734500.0	8.20E-06	0	8.20E-06	1.46E-05	-6.39E-06	2.97E-06	0	2.97E-06	1.46E-05	-1.16E-05
COURSE GRID	385500.0	3734500.0	8.78E-06	0	8.78E-06	1.09E-05	-2.11E-06	3.23E-06	0	3.23E-06	1.09E-05	-7.66E-06
COURSE GRID	386000.0	3734500.0	9.20E-06	0	9.20E-06	9.84E-06	-6.38E-07	3.42E-06	0	3.42E-06	9.84E-06	-6.42E-06
COURSE GRID	386500.0	3734500.0	9.40E-06	0	9.40E-06	1.02E-05	-7.49E-07	3.52E-06	0	3.52E-06	1.02E-05	-6.63E-06
COURSE GRID	387000.0	3734500.0	9.45E-06	0	9.45E-06	1.23E-05	-2.88E-06	3.54E-06	0	3.54E-06	1.23E-05	-8.79E-06
COURSE GRID	387500.0	3734500.0	9.96E-06	0	9.96E-06	1.52E-05	-5.26E-06	3.72E-06	0	3.72E-06	1.52E-05	-1.15E-05
COURSE GRID	388000.0	3734500.0	1.03E-05	0	1.03E-05	1.69E-05	-6.57E-06	3.82E-06	0	3.82E-06	1.69E-05	-1.30E-05
COURSE GRID	388500.0	3734500.0	1.04E-05	0	1.04E-05	1.44E-05	-4.01E-06	3.88E-06	0	3.88E-06	1.44E-05	-1.05E-05
COURSE GRID	389000.0	3734500.0	1.05E-05	0	1.05E-05	1.34E-05	-2.88E-06	3.92E-06	0	3.92E-06	1.34E-05	-9.46E-06
COURSE GRID	389500.0	3734500.0	1.04E-05	0	1.04E-05	1.29E-05	-2.46E-06	3.88E-06	0	3.88E-06	1.29E-05	-8.98E-06
COURSE GRID	390000.0	3734500.0	1.01E-05	0	1.01E-05	1.26E-05	-2.46E-06	3.77E-06	0	3.77E-06	1.26E-05	-8.79E-06
COURSE GRID	390500.0	3734500.0	9.61E-06	0	9.61E-06	1.22E-05	-2.57E-06	3.60E-06	0	3.60E-06	1.22E-05	-8.58E-06
COURSE GRID	391000.0	3734500.0	9.10E-06	0	9.10E-06	1.16E-05	-2.48E-06	3.41E-06	0	3.41E-06	1.16E-05	-8.17E-06
COURSE GRID	391500.0	3734500.0	8.60E-06	0	8.60E-06	1.08E-05	-2.16E-06	3.21E-06	0	3.21E-06	1.08E-05	-7.55E-06
COURSE GRID	392000.0	3734500.0	8.13E-06	0	8.13E-06	9.83E-06	-1.70E-06	3.02E-06	0	3.02E-06	9.83E-06	-6.81E-06
COURSE GRID	392500.0	3734500.0	7.70E-06	0	7.70E-06	8.85E-06	-1.14E-06	2.83E-06	0	2.83E-06	8.85E-06	-6.01E-06
COURSE GRID	393000.0	3734500.0	7.31E-06	0	7.31E-06	7.91E-06	-5.96E-07	2.66E-06	0	2.66E-06	7.91E-06	-5.25E-06
COURSE GRID	393500.0	3734500.0	6.95E-06	0	6.95E-06	7.07E-06	-1.18E-07	2.50E-06	0	2.50E-06	7.07E-06	-4.57E-06
COURSE GRID	377000.0	3735000.0	2.65E-06	0	2.65E-06	1.76E-06	8.96E-07	7.77E-07	0	7.77E-07	1.76E-06	-9.78E-07

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION				PROPOSE PROJECT - WITH MITIGATION			
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE
			IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE
COURSE GRID	377500.0	3735000.0	2.89E-06	0	2.89E-06	2.00E-06	8.92E-07	8.55E-07	2.00E-06	-1.15E-06
COURSE GRID	378000.0	3735000.0	3.23E-06	0	3.23E-06	2.33E-06	9.06E-07	9.58E-07	2.33E-06	-1.37E-06
COURSE GRID	378500.0	3735000.0	3.55E-06	0	3.55E-06	2.71E-06	8.38E-07	1.05E-06	2.71E-06	-1.66E-06
COURSE GRID	379000.0	3735000.0	3.80E-06	0	3.80E-06	3.22E-06	5.80E-07	1.13E-06	3.22E-06	-2.09E-06
COURSE GRID	379500.0	3735000.0	4.19E-06	0	4.19E-06	4.06E-06	1.34E-07	1.28E-06	4.06E-06	-2.78E-06
COURSE GRID	380000.0	3735000.0	4.33E-06	0	4.33E-06	4.99E-06	-6.51E-07	1.34E-06	4.99E-06	-3.64E-06
COURSE GRID	380500.0	3735000.0	4.40E-06	0	4.40E-06	6.46E-06	-2.07E-06	1.38E-06	6.46E-06	-5.08E-06
COURSE GRID	381000.0	3735000.0	4.57E-06	0	4.57E-06	7.92E-06	-3.36E-06	1.46E-06	7.92E-06	-6.46E-06
COURSE GRID	381500.0	3735000.0	5.00E-06	0	5.00E-06	1.05E-05	-5.46E-06	1.65E-06	1.05E-05	-8.80E-06
COURSE GRID	382000.0	3735000.0	5.23E-06	0	5.23E-06	1.42E-05	-8.94E-06	1.74E-06	1.42E-05	-1.24E-05
COURSE GRID	382500.0	3735000.0	5.20E-06	0	5.20E-06	2.20E-05	-1.68E-05	1.73E-06	2.20E-05	-2.02E-05
COURSE GRID	383000.0	3735000.0	5.22E-06	0	5.22E-06	5.03E-05	-4.51E-05	1.73E-06	5.03E-05	-4.86E-05
COURSE GRID	384000.0	3735000.0	6.03E-06	0	6.03E-06	8.62E-05	-8.02E-05	2.06E-06	8.62E-05	-8.42E-05
COURSE GRID	384500.0	3735000.0	6.64E-06	0	6.64E-06	2.09E-05	-1.43E-05	2.31E-06	2.09E-05	-1.86E-05
COURSE GRID	385000.0	3735000.0	7.10E-06	0	7.10E-06	1.29E-05	-5.81E-06	2.50E-06	1.29E-05	-1.04E-05
COURSE GRID	385500.0	3735000.0	7.50E-06	0	7.50E-06	1.05E-05	-3.02E-06	2.68E-06	1.05E-05	-7.84E-06
COURSE GRID	386000.0	3735000.0	7.95E-06	0	7.95E-06	1.00E-05	-2.07E-06	2.87E-06	1.00E-05	-7.15E-06
COURSE GRID	386500.0	3735000.0	8.20E-06	0	8.20E-06	1.07E-05	-2.50E-06	2.99E-06	1.07E-05	-7.71E-06
COURSE GRID	387000.0	3735000.0	8.32E-06	0	8.32E-06	1.48E-05	-6.44E-06	3.05E-06	1.48E-05	-1.17E-05
COURSE GRID	387500.0	3735000.0	8.29E-06	0	8.29E-06	1.78E-05	-9.51E-06	3.04E-06	1.78E-05	-1.48E-05
COURSE GRID	388000.0	3735000.0	8.64E-06	0	8.64E-06	1.41E-05	-5.45E-06	3.16E-06	1.41E-05	-1.09E-05
COURSE GRID	388500.0	3735000.0	8.68E-06	0	8.68E-06	1.29E-05	-4.24E-06	3.17E-06	1.29E-05	-9.75E-06
COURSE GRID	389000.0	3735000.0	9.05E-06	0	9.05E-06	1.33E-05	-4.26E-06	3.30E-06	1.33E-05	-1.00E-05
COURSE GRID	389500.0	3735000.0	9.03E-06	0	9.03E-06	1.33E-05	-4.28E-06	3.30E-06	1.33E-05	-1.00E-05
COURSE GRID	390000.0	3735000.0	9.21E-06	0	9.21E-06	1.34E-05	-4.21E-06	3.36E-06	1.34E-05	-1.01E-05
COURSE GRID	390500.0	3735000.0	9.10E-06	0	9.10E-06	1.29E-05	-3.75E-06	3.33E-06	1.29E-05	-9.52E-06
COURSE GRID	391000.0	3735000.0	8.87E-06	0	8.87E-06	1.19E-05	-3.02E-06	3.25E-06	1.19E-05	-8.64E-06
COURSE GRID	391500.0	3735000.0	8.54E-06	0	8.54E-06	1.07E-05	-2.16E-06	3.13E-06	1.07E-05	-7.57E-06
COURSE GRID	392000.0	3735000.0	8.16E-06	0	8.16E-06	9.49E-06	-1.33E-06	2.99E-06	9.49E-06	-6.50E-06
COURSE GRID	392500.0	3735000.0	7.76E-06	0	7.76E-06	8.37E-06	-6.08E-07	2.84E-06	8.37E-06	-5.53E-06
COURSE GRID	393000.0	3735000.0	7.38E-06	0	7.38E-06	7.39E-06	-7.54E-09	2.68E-06	7.39E-06	-4.71E-06
COURSE GRID	393500.0	3735000.0	7.02E-06	0	7.02E-06	6.57E-06	4.52E-07	2.54E-06	6.57E-06	-4.03E-06
COURSE GRID	377000.0	3735500.0	2.55E-06	0	2.55E-06	1.70E-06	8.47E-07	7.47E-07	1.70E-06	-9.57E-07
COURSE GRID	377500.0	3735500.0	2.74E-06	0	2.74E-06	1.89E-06	8.54E-07	8.05E-07	1.89E-06	-1.08E-06
COURSE GRID	378000.0	3735500.0	3.06E-06	0	3.06E-06	2.17E-06	8.92E-07	8.91E-07	2.17E-06	-1.28E-06
COURSE GRID	378500.0	3735500.0	3.35E-06	0	3.35E-06	2.53E-06	8.21E-07	9.80E-07	2.53E-06	-1.55E-06
COURSE GRID	379000.0	3735500.0	3.69E-06	0	3.69E-06	3.08E-06	6.12E-07	1.10E-06	3.08E-06	-1.98E-06
COURSE GRID	379500.0	3735500.0	4.04E-06	0	4.04E-06	4.20E-06	-1.52E-07	1.24E-06	4.20E-06	-2.95E-06
COURSE GRID	380000.0	3735500.0	4.10E-06	0	4.10E-06	5.02E-06	-9.12E-07	1.26E-06	5.02E-06	-3.76E-06
COURSE GRID	380500.0	3735500.0	4.26E-06	0	4.26E-06	6.05E-06	-1.79E-06	1.33E-06	6.05E-06	-4.72E-06

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION						
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COURSE GRID	381000.0	3735500.0	4.53E-06	0	4.53E-06	7.43E-06	-2.91E-06	1.45E-06	0	1.45E-06	7.43E-06	-5.98E-06
COURSE GRID	381500.0	3735500.0	4.68E-06	0	4.68E-06	9.62E-06	-4.94E-06	1.51E-06	0	1.51E-06	9.62E-06	-8.10E-06
COURSE GRID	382000.0	3735500.0	4.80E-06	0	4.80E-06	1.32E-05	-8.40E-06	1.56E-06	0	1.56E-06	1.32E-05	-1.16E-05
COURSE GRID	382500.0	3735500.0	4.84E-06	0	4.84E-06	2.00E-05	-1.52E-05	1.57E-06	0	1.57E-06	2.00E-05	-1.86E-05
COURSE GRID	383000.0	3735500.0	4.88E-06	0	4.88E-06	3.46E-05	-2.97E-05	1.59E-06	0	1.59E-06	3.46E-05	-3.30E-05
COURSE GRID	383500.0	3735500.0	5.14E-06	0	5.14E-06	8.53E-05	-8.02E-05	1.69E-06	0	1.69E-06	8.53E-05	-8.36E-05
COURSE GRID	384000.0	3735500.0	5.43E-06	0	5.43E-06	4.18E-05	-3.64E-05	1.81E-06	0	1.81E-06	4.18E-05	-4.00E-05
COURSE GRID	384500.0	3735500.0	5.83E-06	0	5.83E-06	1.43E-05	-8.51E-06	1.97E-06	0	1.97E-06	1.43E-05	-1.24E-05
COURSE GRID	385000.0	3735500.0	6.21E-06	0	6.21E-06	1.07E-05	-4.52E-06	2.14E-06	0	2.14E-06	1.07E-05	-8.59E-06
COURSE GRID	385500.0	3735500.0	6.56E-06	0	6.56E-06	9.47E-06	-2.91E-06	2.29E-06	0	2.29E-06	9.47E-06	-7.18E-06
COURSE GRID	386000.0	3735500.0	6.85E-06	0	6.85E-06	9.33E-06	-2.48E-06	2.41E-06	0	2.41E-06	9.33E-06	-6.92E-06
COURSE GRID	386500.0	3735500.0	7.25E-06	0	7.25E-06	1.05E-05	-3.22E-06	2.57E-06	0	2.57E-06	1.05E-05	-7.90E-06
COURSE GRID	387000.0	3735500.0	7.22E-06	0	7.22E-06	1.41E-05	-6.85E-06	2.59E-06	0	2.59E-06	1.41E-05	-1.15E-05
COURSE GRID	387500.0	3735500.0	7.47E-06	0	7.47E-06	1.94E-05	-1.19E-05	2.68E-06	0	2.68E-06	1.94E-05	-1.67E-05
COURSE GRID	388000.0	3735500.0	7.50E-06	0	7.50E-06	1.38E-05	-6.32E-06	2.70E-06	0	2.70E-06	1.38E-05	-1.11E-05
COURSE GRID	388500.0	3735500.0	7.51E-06	0	7.51E-06	1.34E-05	-5.85E-06	2.70E-06	0	2.70E-06	1.34E-05	-1.07E-05
COURSE GRID	389000.0	3735500.0	7.63E-06	0	7.63E-06	1.43E-05	-6.62E-06	2.74E-06	0	2.74E-06	1.43E-05	-1.15E-05
COURSE GRID	389500.0	3735500.0	7.94E-06	0	7.94E-06	1.49E-05	-6.98E-06	2.85E-06	0	2.85E-06	1.49E-05	-1.21E-05
COURSE GRID	390000.0	3735500.0	8.08E-06	0	8.08E-06	1.43E-05	-6.25E-06	2.90E-06	0	2.90E-06	1.43E-05	-1.14E-05
COURSE GRID	390500.0	3735500.0	8.16E-06	0	8.16E-06	1.30E-05	-4.82E-06	2.93E-06	0	2.93E-06	1.30E-05	-1.00E-05
COURSE GRID	391000.0	3735500.0	8.16E-06	0	8.16E-06	1.14E-05	-3.23E-06	2.93E-06	0	2.93E-06	1.14E-05	-8.46E-06
COURSE GRID	391500.0	3735500.0	8.08E-06	0	8.08E-06	9.86E-06	-1.78E-06	2.90E-06	0	2.90E-06	9.86E-06	-6.96E-06
COURSE GRID	392000.0	3735500.0	7.91E-06	0	7.91E-06	8.55E-06	-6.43E-07	2.85E-06	0	2.85E-06	8.55E-06	-5.70E-06
COURSE GRID	392500.0	3735500.0	7.67E-06	0	7.67E-06	7.48E-06	1.93E-07	2.76E-06	0	2.76E-06	7.48E-06	-4.72E-06
COURSE GRID	393000.0	3735500.0	7.37E-06	0	7.37E-06	6.61E-06	7.59E-07	2.65E-06	0	2.65E-06	6.61E-06	-3.96E-06
COURSE GRID	393500.0	3735500.0	7.06E-06	0	7.06E-06	5.90E-06	1.16E-06	2.53E-06	0	2.53E-06	5.90E-06	-3.37E-06
COURSE GRID	377000.0	3736000.0	2.45E-06	0	2.45E-06	1.63E-06	8.25E-07	7.11E-07	0	7.11E-07	1.63E-06	-9.15E-07
COURSE GRID	377500.0	3736000.0	2.67E-06	0	2.67E-06	1.83E-06	8.41E-07	7.71E-07	0	7.71E-07	1.83E-06	-1.06E-06
COURSE GRID	378000.0	3736000.0	3.09E-06	0	3.09E-06	2.22E-06	8.73E-07	8.92E-07	0	8.92E-07	2.22E-06	-1.33E-06
COURSE GRID	378500.0	3736000.0	3.44E-06	0	3.44E-06	2.76E-06	6.83E-07	1.01E-06	0	1.01E-06	2.76E-06	-1.75E-06
COURSE GRID	379000.0	3736000.0	3.69E-06	0	3.69E-06	3.55E-06	1.46E-07	1.10E-06	0	1.10E-06	3.55E-06	-2.45E-06
COURSE GRID	379500.0	3736000.0	3.76E-06	0	3.76E-06	4.40E-06	-6.39E-07	1.13E-06	0	1.13E-06	4.40E-06	-3.27E-06
COURSE GRID	380000.0	3736000.0	3.86E-06	0	3.86E-06	5.21E-06	-1.35E-06	1.17E-06	0	1.17E-06	5.21E-06	-4.04E-06
COURSE GRID	380500.0	3736000.0	4.05E-06	0	4.05E-06	6.04E-06	-1.98E-06	1.27E-06	0	1.27E-06	6.04E-06	-4.77E-06
COURSE GRID	381000.0	3736000.0	4.25E-06	0	4.25E-06	7.06E-06	-2.81E-06	1.34E-06	0	1.34E-06	7.06E-06	-5.72E-06
COURSE GRID	381500.0	3736000.0	4.38E-06	0	4.38E-06	8.53E-06	-4.15E-06	1.39E-06	0	1.39E-06	8.53E-06	-7.13E-06
COURSE GRID	382000.0	3736000.0	4.41E-06	0	4.41E-06	1.09E-05	-6.45E-06	1.40E-06	0	1.40E-06	1.09E-05	-9.45E-06
COURSE GRID	382500.0	3736000.0	4.48E-06	0	4.48E-06	1.34E-05	-8.92E-06	1.43E-06	0	1.43E-06	1.34E-05	-1.20E-05
COURSE GRID	383000.0	3736000.0	4.51E-06	0	4.51E-06	1.87E-05	-1.42E-05	1.44E-06	0	1.44E-06	1.87E-05	-1.73E-05
COURSE GRID	383500.0	3736000.0	4.73E-06	0	4.73E-06	2.81E-05	-2.34E-05	1.53E-06	0	1.53E-06	2.81E-05	-2.66E-05

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	384000.0	3736000.0	4.95E-06	0	4.95E-06	2.69E-05	-2.19E-05	1.62E-06	0	1.62E-06	2.69E-05	-2.53E-05
COURSE GRID	384500.0	3736000.0	5.29E-06	0	5.29E-06	1.37E-05	-8.40E-06	1.75E-06	0	1.75E-06	1.37E-05	-1.19E-05
COURSE GRID	385000.0	3736000.0	5.62E-06	0	5.62E-06	9.58E-06	-3.96E-06	1.89E-06	0	1.89E-06	9.58E-06	-7.69E-06
COURSE GRID	385500.0	3736000.0	5.89E-06	0	5.89E-06	8.54E-06	-2.65E-06	2.01E-06	0	2.01E-06	8.54E-06	-6.53E-06
COURSE GRID	386000.0	3736000.0	6.15E-06	0	6.15E-06	8.83E-06	-2.68E-06	2.12E-06	0	2.12E-06	8.83E-06	-6.71E-06
COURSE GRID	386500.0	3736000.0	6.38E-06	0	6.38E-06	1.06E-05	-4.21E-06	2.21E-06	0	2.21E-06	1.06E-05	-8.38E-06
COURSE GRID	387000.0	3736000.0	6.48E-06	0	6.48E-06	1.48E-05	-8.29E-06	2.26E-06	0	2.26E-06	1.48E-05	-1.25E-05
COURSE GRID	387500.0	3736000.0	6.74E-06	0	6.74E-06	1.90E-05	-1.23E-05	2.37E-06	0	2.37E-06	1.90E-05	-1.66E-05
COURSE GRID	388000.0	3736000.0	6.77E-06	0	6.77E-06	1.56E-05	-8.78E-06	2.39E-06	0	2.39E-06	1.56E-05	-1.32E-05
COURSE GRID	388500.0	3736000.0	6.76E-06	0	6.76E-06	1.68E-05	-1.00E-05	2.39E-06	0	2.39E-06	1.68E-05	-1.44E-05
COURSE GRID	389000.0	3736000.0	6.88E-06	0	6.88E-06	1.76E-05	-1.07E-05	2.43E-06	0	2.43E-06	1.76E-05	-1.52E-05
COURSE GRID	389500.0	3736000.0	6.98E-06	0	6.98E-06	1.64E-05	-9.42E-06	2.46E-06	0	2.46E-06	1.64E-05	-1.39E-05
COURSE GRID	390000.0	3736000.0	7.09E-06	0	7.09E-06	1.42E-05	-7.10E-06	2.50E-06	0	2.50E-06	1.42E-05	-1.17E-05
COURSE GRID	390500.0	3736000.0	7.19E-06	0	7.19E-06	1.18E-05	-4.64E-06	2.54E-06	0	2.54E-06	1.18E-05	-9.29E-06
COURSE GRID	391000.0	3736000.0	7.28E-06	0	7.28E-06	9.87E-06	-2.59E-06	2.57E-06	0	2.57E-06	9.87E-06	-7.30E-06
COURSE GRID	391500.0	3736000.0	7.33E-06	0	7.33E-06	8.38E-06	-1.05E-06	2.59E-06	0	2.59E-06	8.38E-06	-5.79E-06
COURSE GRID	392000.0	3736000.0	7.33E-06	0	7.33E-06	7.27E-06	6.15E-08	2.59E-06	0	2.59E-06	7.27E-06	-4.68E-06
COURSE GRID	392500.0	3736000.0	7.26E-06	0	7.26E-06	6.41E-06	8.51E-07	2.57E-06	0	2.57E-06	6.41E-06	-3.84E-06
COURSE GRID	393000.0	3736000.0	7.13E-06	0	7.13E-06	5.75E-06	1.38E-06	2.52E-06	0	2.52E-06	5.75E-06	-3.23E-06
COURSE GRID	393500.0	3736000.0	6.94E-06	0	6.94E-06	5.22E-06	1.72E-06	2.46E-06	0	2.46E-06	5.22E-06	-2.76E-06
COURSE GRID	377000.0	3736500.0	2.45E-06	0	2.45E-06	1.70E-06	7.55E-07	6.99E-07	0	6.99E-07	1.70E-06	-9.97E-07
COURSE GRID	377500.0	3736500.0	2.64E-06	0	2.64E-06	1.89E-06	7.48E-07	7.59E-07	0	7.59E-07	1.89E-06	-1.13E-06
COURSE GRID	378000.0	3736500.0	3.10E-06	0	3.10E-06	2.42E-06	6.83E-07	8.94E-07	0	8.94E-07	2.42E-06	-1.53E-06
COURSE GRID	378500.0	3736500.0	3.37E-06	0	3.37E-06	3.11E-06	2.61E-07	9.82E-07	0	9.82E-07	3.11E-06	-2.13E-06
COURSE GRID	379000.0	3736500.0	3.43E-06	0	3.43E-06	3.63E-06	-2.00E-07	1.01E-06	0	1.01E-06	3.63E-06	-2.62E-06
COURSE GRID	379500.0	3736500.0	3.45E-06	0	3.45E-06	4.08E-06	-6.24E-07	1.01E-06	0	1.01E-06	4.08E-06	-3.07E-06
COURSE GRID	380000.0	3736500.0	3.65E-06	0	3.65E-06	4.64E-06	-9.83E-07	1.10E-06	0	1.10E-06	4.64E-06	-3.54E-06
COURSE GRID	380500.0	3736500.0	3.77E-06	0	3.77E-06	5.18E-06	-1.41E-06	1.16E-06	0	1.16E-06	5.18E-06	-4.02E-06
COURSE GRID	381000.0	3736500.0	3.82E-06	0	3.82E-06	6.09E-06	-2.26E-06	1.18E-06	0	1.18E-06	6.09E-06	-4.91E-06
COURSE GRID	381500.0	3736500.0	4.06E-06	0	4.06E-06	7.27E-06	-3.20E-06	1.27E-06	0	1.27E-06	7.27E-06	-6.00E-06
COURSE GRID	382000.0	3736500.0	4.14E-06	0	4.14E-06	8.16E-06	-4.01E-06	1.30E-06	0	1.30E-06	8.16E-06	-6.85E-06
COURSE GRID	382500.0	3736500.0	4.12E-06	0	4.12E-06	9.86E-06	-5.74E-06	1.29E-06	0	1.29E-06	9.86E-06	-8.57E-06
COURSE GRID	383000.0	3736500.0	4.20E-06	0	4.20E-06	1.34E-05	-9.22E-06	1.32E-06	0	1.32E-06	1.34E-05	-1.21E-05
COURSE GRID	383500.0	3736500.0	4.41E-06	0	4.41E-06	1.77E-05	-1.33E-05	1.40E-06	0	1.40E-06	1.77E-05	-1.63E-05
COURSE GRID	384000.0	3736500.0	4.59E-06	0	4.59E-06	2.10E-05	-1.64E-05	1.48E-06	0	1.48E-06	2.10E-05	-1.95E-05
COURSE GRID	384500.0	3736500.0	4.82E-06	0	4.82E-06	1.35E-05	-8.68E-06	1.57E-06	0	1.57E-06	1.35E-05	-1.19E-05
COURSE GRID	385000.0	3736500.0	5.14E-06	0	5.14E-06	8.75E-06	-3.61E-06	1.70E-06	0	1.70E-06	8.75E-06	-7.05E-06
COURSE GRID	385500.0	3736500.0	5.33E-06	0	5.33E-06	7.72E-06	-2.39E-06	1.78E-06	0	1.78E-06	7.72E-06	-5.94E-06
COURSE GRID	386000.0	3736500.0	5.50E-06	0	5.50E-06	8.27E-06	-2.77E-06	1.86E-06	0	1.86E-06	8.27E-06	-6.41E-06
COURSE GRID	386500.0	3736500.0	5.73E-06	0	5.73E-06	1.11E-05	-5.38E-06	1.95E-06	0	1.95E-06	1.11E-05	-9.16E-06

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE
COURSE GRID	387000.0	3736500.0	5.95E-06	0	5.95E-06	1.45E-05	-8.54E-06	2.04E-06	0	1.45E-05	-1.24E-05
COURSE GRID	387500.0	3736500.0	6.14E-06	0	6.14E-06	1.90E-05	-1.29E-05	2.12E-06	0	1.90E-05	-1.69E-05
COURSE GRID	388000.0	3736500.0	6.07E-06	0	6.07E-06	2.09E-05	-1.48E-05	2.11E-06	0	2.09E-05	-1.88E-05
COURSE GRID	388500.0	3736500.0	6.20E-06	0	6.20E-06	2.33E-05	-1.71E-05	2.16E-06	0	2.33E-05	-2.11E-05
COURSE GRID	389000.0	3736500.0	6.17E-06	0	6.17E-06	2.03E-05	-1.41E-05	2.15E-06	0	2.03E-05	-1.82E-05
COURSE GRID	389500.0	3736500.0	6.22E-06	0	6.22E-06	1.58E-05	-9.58E-06	2.16E-06	0	1.58E-05	-1.36E-05
COURSE GRID	390000.0	3736500.0	6.23E-06	0	6.23E-06	1.20E-05	-5.72E-06	2.17E-06	0	1.20E-05	-9.78E-06
COURSE GRID	390500.0	3736500.0	6.40E-06	0	6.40E-06	9.50E-06	-3.10E-06	2.22E-06	0	9.50E-06	-7.28E-06
COURSE GRID	391000.0	3736500.0	6.49E-06	0	6.49E-06	7.81E-06	-1.32E-06	2.26E-06	0	7.81E-06	-5.55E-06
COURSE GRID	391500.0	3736500.0	6.57E-06	0	6.57E-06	6.70E-06	-1.30E-07	2.29E-06	0	6.70E-06	-4.41E-06
COURSE GRID	392000.0	3736500.0	6.60E-06	0	6.60E-06	5.92E-06	6.82E-07	2.30E-06	0	5.92E-06	-3.62E-06
COURSE GRID	392500.0	3736500.0	6.40E-06	0	6.40E-06	5.07E-06	1.33E-06	2.24E-06	0	5.07E-06	-2.83E-06
COURSE GRID	393000.0	3736500.0	6.38E-06	0	6.38E-06	4.66E-06	1.72E-06	2.23E-06	0	4.66E-06	-2.43E-06
COURSE GRID	393500.0	3736500.0	6.33E-06	0	6.33E-06	4.33E-06	2.00E-06	2.21E-06	0	4.33E-06	-2.12E-06
COURSE GRID	377000.0	3737000.0	2.37E-06	0	2.37E-06	1.72E-06	6.51E-07	6.76E-07	0	1.72E-06	-1.04E-06
COURSE GRID	377500.0	3737000.0	2.66E-06	0	2.66E-06	1.95E-06	7.13E-07	7.59E-07	0	1.95E-06	-1.19E-06
COURSE GRID	378000.0	3737000.0	3.07E-06	0	3.07E-06	2.48E-06	5.92E-07	8.80E-07	0	2.48E-06	-1.60E-06
COURSE GRID	378500.0	3737000.0	3.15E-06	0	3.15E-06	2.78E-06	3.70E-07	9.05E-07	0	2.78E-06	-1.88E-06
COURSE GRID	379000.0	3737000.0	3.21E-06	0	3.21E-06	3.32E-06	-1.12E-07	9.28E-07	0	3.32E-06	-2.40E-06
COURSE GRID	379500.0	3737000.0	3.33E-06	0	3.33E-06	3.79E-06	-4.61E-07	9.80E-07	0	3.79E-06	-2.81E-06
COURSE GRID	380000.0	3737000.0	3.49E-06	0	3.49E-06	4.36E-06	-8.71E-07	1.06E-06	0	4.36E-06	-3.30E-06
COURSE GRID	380500.0	3737000.0	3.52E-06	0	3.52E-06	4.73E-06	-1.21E-06	1.06E-06	0	4.73E-06	-3.67E-06
COURSE GRID	381000.0	3737000.0	3.62E-06	0	3.62E-06	5.13E-06	-1.51E-06	1.10E-06	0	5.13E-06	-4.03E-06
COURSE GRID	381500.0	3737000.0	3.83E-06	0	3.83E-06	5.98E-06	-2.15E-06	1.18E-06	0	5.98E-06	-4.80E-06
COURSE GRID	382000.0	3737000.0	3.87E-06	0	3.87E-06	6.79E-06	-2.91E-06	1.20E-06	0	6.79E-06	-5.58E-06
COURSE GRID	382500.0	3737000.0	3.85E-06	0	3.85E-06	8.37E-06	-4.52E-06	1.19E-06	0	8.37E-06	-7.18E-06
COURSE GRID	383000.0	3737000.0	3.93E-06	0	3.93E-06	1.13E-05	-7.39E-06	1.21E-06	0	1.13E-05	-1.01E-05
COURSE GRID	383500.0	3737000.0	4.09E-06	0	4.09E-06	5.77E-05	-5.36E-05	1.28E-06	0	5.77E-05	-5.64E-05
COURSE GRID	384000.0	3737000.0	4.26E-06	0	4.26E-06	1.40E-05	-9.73E-06	1.35E-06	0	1.40E-05	-1.26E-05
COURSE GRID	384500.0	3737000.0	4.46E-06	0	4.46E-06	1.04E-05	-5.90E-06	1.43E-06	0	1.04E-05	-8.93E-06
COURSE GRID	385000.0	3737000.0	4.69E-06	0	4.69E-06	8.89E-06	-4.20E-06	1.53E-06	0	8.89E-06	-7.36E-06
COURSE GRID	385500.0	3737000.0	4.91E-06	0	4.91E-06	7.41E-06	-2.50E-06	1.62E-06	0	7.41E-06	-5.79E-06
COURSE GRID	386000.0	3737000.0	5.09E-06	0	5.09E-06	8.15E-06	-3.06E-06	1.69E-06	0	8.15E-06	-6.46E-06
COURSE GRID	386500.0	3737000.0	5.19E-06	0	5.19E-06	1.12E-05	-6.00E-06	1.73E-06	0	1.12E-05	-9.46E-06
COURSE GRID	387000.0	3737000.0	5.37E-06	0	5.37E-06	1.90E-05	-1.36E-05	1.81E-06	0	1.90E-05	-1.72E-05
COURSE GRID	387500.0	3737000.0	5.48E-06	0	5.48E-06	2.62E-05	-2.07E-05	1.86E-06	0	2.62E-05	-2.43E-05
COURSE GRID	388000.0	3737000.0	5.58E-06	0	5.58E-06	3.20E-05	-2.66E-05	1.90E-06	0	3.20E-05	-3.01E-05
COURSE GRID	388500.0	3737000.0	5.64E-06	0	5.64E-06	2.60E-05	-2.03E-05	1.93E-06	0	2.60E-05	-2.40E-05
COURSE GRID	389000.0	3737000.0	5.59E-06	0	5.59E-06	1.68E-05	-1.12E-05	1.92E-06	0	1.68E-05	-1.48E-05
COURSE GRID	389500.0	3737000.0	5.59E-06	0	5.59E-06	1.14E-05	-5.77E-06	1.92E-06	0	1.14E-05	-9.44E-06

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	390000.0	3737000.0	5.58E-06	0	5.58E-06	8.45E-06	-2.87E-06	1.92E-06	0	1.92E-06	8.45E-06	-6.53E-06
COURSE GRID	390500.0	3737000.0	5.60E-06	0	5.60E-06	8.80E-06	-1.20E-06	1.92E-06	0	1.92E-06	8.80E-06	-4.88E-06
COURSE GRID	391000.0	3737000.0	5.63E-06	0	5.63E-06	5.77E-06	-1.38E-07	1.93E-06	0	1.93E-06	5.77E-06	-3.84E-06
COURSE GRID	391500.0	3737000.0	5.68E-06	0	5.68E-06	5.09E-06	5.92E-07	1.95E-06	0	1.95E-06	5.09E-06	-3.14E-06
COURSE GRID	392000.0	3737000.0	5.73E-06	0	5.73E-06	4.59E-06	1.14E-06	1.97E-06	0	1.97E-06	4.59E-06	-2.62E-06
COURSE GRID	392500.0	3737000.0	5.78E-06	0	5.78E-06	4.25E-06	1.53E-06	1.99E-06	0	1.99E-06	4.25E-06	-2.26E-06
COURSE GRID	393000.0	3737000.0	5.82E-06	0	5.82E-06	3.97E-06	1.85E-06	2.01E-06	0	2.01E-06	3.97E-06	-1.96E-06
COURSE GRID	393500.0	3737000.0	5.81E-06	0	5.81E-06	3.73E-06	2.08E-06	2.01E-06	0	2.01E-06	3.73E-06	-1.72E-06
COURSE GRID	377000.0	3737500.0	2.57E-06	0	2.57E-06	1.74E-06	8.32E-07	7.27E-07	0	7.27E-07	1.74E-06	-1.01E-06
COURSE GRID	377500.0	3737500.0	2.77E-06	0	2.77E-06	2.03E-06	7.46E-07	7.82E-07	0	7.82E-07	2.03E-06	-1.24E-06
COURSE GRID	378000.0	3737500.0	2.96E-06	0	2.96E-06	2.46E-06	4.97E-07	8.45E-07	0	8.45E-07	2.46E-06	-1.62E-06
COURSE GRID	378500.0	3737500.0	2.97E-06	0	2.97E-06	2.69E-06	2.84E-07	8.41E-07	0	8.41E-07	2.69E-06	-1.85E-06
COURSE GRID	379000.0	3737500.0	2.98E-06	0	2.98E-06	2.89E-06	8.84E-08	8.45E-07	0	8.45E-07	2.89E-06	-2.05E-06
COURSE GRID	379500.0	3737500.0	3.12E-06	0	3.12E-06	3.28E-06	-1.53E-07	9.09E-07	0	9.09E-07	3.28E-06	-2.37E-06
COURSE GRID	380000.0	3737500.0	3.29E-06	0	3.29E-06	3.77E-06	-4.73E-07	9.81E-07	0	9.81E-07	3.77E-06	-2.78E-06
COURSE GRID	380500.0	3737500.0	3.33E-06	0	3.33E-06	3.97E-06	-6.42E-07	9.93E-07	0	9.93E-07	3.97E-06	-2.98E-06
COURSE GRID	381000.0	3737500.0	3.45E-06	0	3.45E-06	4.55E-06	-1.09E-06	1.04E-06	0	1.04E-06	4.55E-06	-3.51E-06
COURSE GRID	381500.0	3737500.0	3.52E-06	0	3.52E-06	5.01E-06	-1.49E-06	1.07E-06	0	1.07E-06	5.01E-06	-3.94E-06
COURSE GRID	382000.0	3737500.0	3.59E-06	0	3.59E-06	6.02E-06	-2.42E-06	1.09E-06	0	1.09E-06	6.02E-06	-4.92E-06
COURSE GRID	382500.0	3737500.0	3.62E-06	0	3.62E-06	7.45E-06	-3.83E-06	1.10E-06	0	1.10E-06	7.45E-06	-6.35E-06
COURSE GRID	383000.0	3737500.0	3.69E-06	0	3.69E-06	1.04E-05	-6.67E-06	1.13E-06	0	1.13E-06	1.04E-05	-9.23E-06
COURSE GRID	383500.0	3737500.0	3.83E-06	0	3.83E-06	9.43E-06	-5.60E-06	1.18E-06	0	1.18E-06	9.43E-06	-8.25E-06
COURSE GRID	384000.0	3737500.0	3.97E-06	0	3.97E-06	9.81E-06	-5.84E-06	1.24E-06	0	1.24E-06	9.81E-06	-8.57E-06
COURSE GRID	384500.0	3737500.0	4.14E-06	0	4.14E-06	9.02E-06	-4.88E-06	1.31E-06	0	1.31E-06	9.02E-06	-7.71E-06
COURSE GRID	385000.0	3737500.0	4.35E-06	0	4.35E-06	8.14E-06	-3.79E-06	1.39E-06	0	1.39E-06	8.14E-06	-6.75E-06
COURSE GRID	385500.0	3737500.0	4.53E-06	0	4.53E-06	8.17E-06	-3.64E-06	1.47E-06	0	1.47E-06	8.17E-06	-6.70E-06
COURSE GRID	386000.0	3737500.0	4.68E-06	0	4.68E-06	8.56E-06	-3.88E-06	1.53E-06	0	1.53E-06	8.56E-06	-7.03E-06
COURSE GRID	386500.0	3737500.0	4.84E-06	0	4.84E-06	1.18E-05	-7.00E-06	1.59E-06	0	1.59E-06	1.18E-05	-1.02E-05
COURSE GRID	387000.0	3737500.0	4.94E-06	0	4.94E-06	5.59E-05	-5.10E-05	1.64E-06	0	1.64E-06	5.59E-05	-5.43E-05
COURSE GRID	387500.0	3737500.0	5.03E-06	0	5.03E-06	3.91E-05	-3.41E-05	1.68E-06	0	1.68E-06	3.91E-05	-3.75E-05
COURSE GRID	388000.0	3737500.0	5.17E-06	0	5.17E-06	3.08E-05	-2.56E-05	1.73E-06	0	1.73E-06	3.08E-05	-2.91E-05
COURSE GRID	388500.0	3737500.0	5.25E-06	0	5.25E-06	1.60E-05	-1.08E-05	1.77E-06	0	1.77E-06	1.60E-05	-1.43E-05
COURSE GRID	389000.0	3737500.0	5.18E-06	0	5.18E-06	9.93E-06	-4.75E-06	1.76E-06	0	1.76E-06	9.93E-06	-8.17E-06
COURSE GRID	389500.0	3737500.0	5.16E-06	0	5.16E-06	7.37E-06	-2.21E-06	1.75E-06	0	1.75E-06	7.37E-06	-5.62E-06
COURSE GRID	390000.0	3737500.0	5.15E-06	0	5.15E-06	6.04E-06	-8.88E-07	1.75E-06	0	1.75E-06	6.04E-06	-4.29E-06
COURSE GRID	390500.0	3737500.0	5.15E-06	0	5.15E-06	5.20E-06	-4.45E-08	1.74E-06	0	1.74E-06	5.20E-06	-3.45E-06
COURSE GRID	391000.0	3737500.0	5.16E-06	0	5.16E-06	4.64E-06	5.23E-07	1.75E-06	0	1.75E-06	4.64E-06	-2.89E-06
COURSE GRID	391500.0	3737500.0	5.18E-06	0	5.18E-06	4.23E-06	9.49E-07	1.75E-06	0	1.75E-06	4.23E-06	-2.48E-06
COURSE GRID	392000.0	3737500.0	5.22E-06	0	5.22E-06	3.96E-06	1.26E-06	1.77E-06	0	1.77E-06	3.96E-06	-2.19E-06
COURSE GRID	392500.0	3737500.0	5.26E-06	0	5.26E-06	3.74E-06	1.52E-06	1.79E-06	0	1.79E-06	3.74E-06	-1.95E-06

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	393000.0	3737500.0	5.29E-06	0	5.29E-06	3.54E-06	1.75E-06	1.80E-06	0	1.80E-06	3.54E-06	-1.74E-06
COURSE GRID	393500.0	3737500.0	5.32E-06	0	5.32E-06	3.35E-06	1.97E-06	1.81E-06	0	1.81E-06	3.35E-06	-1.54E-06
COURSE GRID	377000.0	3738000.0	2.53E-06	0	2.53E-06	1.74E-06	7.87E-07	7.09E-07	0	7.09E-07	1.74E-06	-1.03E-06
COURSE GRID	377500.0	3738000.0	2.62E-06	0	2.62E-06	1.93E-06	6.87E-07	7.35E-07	0	7.35E-07	1.93E-06	-1.20E-06
COURSE GRID	378000.0	3738000.0	2.67E-06	0	2.67E-06	2.16E-06	5.16E-07	7.42E-07	0	7.42E-07	2.16E-06	-1.41E-06
COURSE GRID	378500.0	3738000.0	2.62E-06	0	2.62E-06	2.28E-06	3.44E-07	7.30E-07	0	7.30E-07	2.28E-06	-1.55E-06
COURSE GRID	379000.0	3738000.0	2.83E-06	0	2.83E-06	2.60E-06	2.29E-07	8.08E-07	0	8.08E-07	2.60E-06	-1.79E-06
COURSE GRID	379500.0	3738000.0	3.11E-06	0	3.11E-06	3.26E-06	-1.45E-07	9.25E-07	0	9.25E-07	3.26E-06	-2.33E-06
COURSE GRID	380000.0	3738000.0	3.26E-06	0	3.26E-06	3.65E-06	-3.91E-07	9.73E-07	0	9.73E-07	3.65E-06	-2.68E-06
COURSE GRID	380500.0	3738000.0	3.19E-06	0	3.19E-06	3.66E-06	-4.65E-07	9.45E-07	0	9.45E-07	3.66E-06	-2.71E-06
COURSE GRID	381000.0	3738000.0	3.32E-06	0	3.32E-06	4.07E-06	-7.49E-07	1.00E-06	0	1.00E-06	4.07E-06	-3.07E-06
COURSE GRID	381500.0	3738000.0	3.32E-06	0	3.32E-06	4.68E-06	-1.35E-06	9.98E-07	0	9.98E-07	4.68E-06	-3.68E-06
COURSE GRID	382000.0	3738000.0	3.37E-06	0	3.37E-06	5.43E-06	-2.06E-06	1.01E-06	0	1.01E-06	5.43E-06	-4.42E-06
COURSE GRID	382500.0	3738000.0	3.40E-06	0	3.40E-06	6.51E-06	-3.11E-06	1.02E-06	0	1.02E-06	6.51E-06	-5.49E-06
COURSE GRID	383000.0	3738000.0	3.48E-06	0	3.48E-06	7.19E-06	-3.71E-06	1.05E-06	0	1.05E-06	7.19E-06	-6.14E-06
COURSE GRID	383500.0	3738000.0	3.60E-06	0	3.60E-06	7.41E-06	-3.81E-06	1.10E-06	0	1.10E-06	7.41E-06	-6.31E-06
COURSE GRID	384000.0	3738000.0	3.72E-06	0	3.72E-06	7.87E-06	-4.15E-06	1.15E-06	0	1.15E-06	7.87E-06	-6.72E-06
COURSE GRID	384500.0	3738000.0	3.85E-06	0	3.85E-06	8.03E-06	-4.18E-06	1.20E-06	0	1.20E-06	8.03E-06	-6.83E-06
COURSE GRID	385000.0	3738000.0	4.05E-06	0	4.05E-06	7.65E-06	-3.60E-06	1.28E-06	0	1.28E-06	7.65E-06	-6.37E-06
COURSE GRID	385500.0	3738000.0	4.22E-06	0	4.22E-06	8.45E-06	-4.23E-06	1.35E-06	0	1.35E-06	8.45E-06	-7.10E-06
COURSE GRID	386000.0	3738000.0	4.36E-06	0	4.36E-06	1.02E-05	-5.79E-06	1.41E-06	0	1.41E-06	1.02E-05	-8.74E-06
COURSE GRID	386500.0	3738000.0	4.48E-06	0	4.48E-06	1.61E-05	-1.16E-05	1.45E-06	0	1.45E-06	1.61E-05	-1.47E-05
COURSE GRID	387000.0	3738000.0	4.58E-06	0	4.58E-06	3.10E-05	-2.64E-05	1.49E-06	0	1.49E-06	3.10E-05	-2.95E-05
COURSE GRID	387500.0	3738000.0	4.63E-06	0	4.63E-06	1.39E-05	-9.30E-06	1.52E-06	0	1.52E-06	1.39E-05	-1.24E-05
COURSE GRID	388000.0	3738000.0	4.76E-06	0	4.76E-06	1.08E-05	-6.01E-06	1.57E-06	0	1.57E-06	1.08E-05	-9.20E-06
COURSE GRID	388500.0	3738000.0	4.78E-06	0	4.78E-06	7.68E-06	-2.90E-06	1.59E-06	0	1.59E-06	7.68E-06	-6.09E-06
COURSE GRID	389000.0	3738000.0	4.82E-06	0	4.82E-06	6.25E-06	-1.43E-06	1.61E-06	0	1.61E-06	6.25E-06	-4.64E-06
COURSE GRID	389500.0	3738000.0	4.80E-06	0	4.80E-06	5.28E-06	-4.77E-07	1.61E-06	0	1.61E-06	5.28E-06	-3.67E-06
COURSE GRID	390000.0	3738000.0	4.80E-06	0	4.80E-06	4.67E-06	1.31E-07	1.61E-06	0	1.61E-06	4.67E-06	-3.06E-06
COURSE GRID	390500.0	3738000.0	4.80E-06	0	4.80E-06	4.22E-06	5.77E-07	1.61E-06	0	1.61E-06	4.22E-06	-2.61E-06
COURSE GRID	391000.0	3738000.0	4.80E-06	0	4.80E-06	3.92E-06	8.78E-07	1.61E-06	0	1.61E-06	3.92E-06	-2.31E-06
COURSE GRID	391500.0	3738000.0	4.81E-06	0	4.81E-06	3.66E-06	1.15E-06	1.61E-06	0	1.61E-06	3.66E-06	-2.05E-06
COURSE GRID	392000.0	3738000.0	4.83E-06	0	4.83E-06	3.45E-06	1.38E-06	1.62E-06	0	1.62E-06	3.45E-06	-1.83E-06
COURSE GRID	392500.0	3738000.0	4.85E-06	0	4.85E-06	3.28E-06	1.57E-06	1.63E-06	0	1.63E-06	3.28E-06	-1.65E-06
COURSE GRID	393000.0	3738000.0	4.87E-06	0	4.87E-06	3.13E-06	1.74E-06	1.64E-06	0	1.64E-06	3.13E-06	-1.49E-06
COURSE GRID	393500.0	3738000.0	4.91E-06	0	4.91E-06	3.03E-06	1.88E-06	1.65E-06	0	1.65E-06	3.03E-06	-1.38E-06
COURSE GRID	377000.0	3738500.0	2.44E-06	0	2.44E-06	1.72E-06	7.19E-07	6.79E-07	0	6.79E-07	1.72E-06	-1.04E-06
COURSE GRID	377500.0	3738500.0	2.59E-06	0	2.59E-06	2.16E-06	4.28E-07	7.21E-07	0	7.21E-07	2.16E-06	-1.44E-06
COURSE GRID	378000.0	3738500.0	2.56E-06	0	2.56E-06	2.22E-06	3.44E-07	7.08E-07	0	7.08E-07	2.22E-06	-1.51E-06
COURSE GRID	378500.0	3738500.0	2.69E-06	0	2.69E-06	2.40E-06	2.95E-07	7.55E-07	0	7.55E-07	2.40E-06	-1.64E-06

CANCER RISK - RESIDENTIAL

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COURSE GRID	379000.0	3738500.0	2.82E-06	0	2.82E-06	2.51E-06	3.11E-07	8.13E-07	0	2.51E-06	2.51E-06	-1.70E-06
COURSE GRID	379500.0	3738500.0	2.94E-06	0	2.94E-06	2.87E-06	7.34E-08	8.59E-07	0	2.87E-06	2.87E-06	-2.01E-06
COURSE GRID	380000.0	3738500.0	3.07E-06	0	3.07E-06	3.29E-06	-2.21E-07	9.04E-07	0	3.29E-06	3.29E-06	-2.39E-06
COURSE GRID	380500.0	3738500.0	3.15E-06	0	3.15E-06	3.48E-06	-3.31E-07	9.38E-07	0	3.48E-06	3.48E-06	-2.55E-06
COURSE GRID	381000.0	3738500.0	3.19E-06	0	3.19E-06	3.96E-06	-7.71E-07	9.53E-07	0	3.96E-06	3.96E-06	-3.01E-06
COURSE GRID	381500.0	3738500.0	3.15E-06	0	3.15E-06	4.30E-06	-1.15E-06	9.35E-07	0	4.30E-06	4.30E-06	-3.37E-06
COURSE GRID	382000.0	3738500.0	3.18E-06	0	3.18E-06	5.01E-06	-1.83E-06	9.47E-07	0	5.01E-06	5.01E-06	-4.06E-06
COURSE GRID	382500.0	3738500.0	3.20E-06	0	3.20E-06	5.44E-06	-2.24E-06	9.49E-07	0	5.44E-06	5.44E-06	-4.49E-06
COURSE GRID	383000.0	3738500.0	3.28E-06	0	3.28E-06	5.93E-06	-2.65E-06	9.82E-07	0	5.93E-06	5.93E-06	-4.95E-06
COURSE GRID	383500.0	3738500.0	3.40E-06	0	3.40E-06	6.36E-06	-2.96E-06	1.03E-06	0	6.36E-06	6.36E-06	-5.33E-06
COURSE GRID	384000.0	3738500.0	3.49E-06	0	3.49E-06	6.81E-06	-3.32E-06	1.07E-06	0	6.81E-06	6.81E-06	-5.74E-06
COURSE GRID	384500.0	3738500.0	3.60E-06	0	3.60E-06	7.48E-06	-3.88E-06	1.11E-06	0	7.48E-06	7.48E-06	-6.37E-06
COURSE GRID	385000.0	3738500.0	3.76E-06	0	3.76E-06	7.71E-06	-3.95E-06	1.17E-06	0	7.71E-06	7.71E-06	-6.54E-06
COURSE GRID	385500.0	3738500.0	3.91E-06	0	3.91E-06	8.80E-06	-4.89E-06	1.23E-06	0	8.80E-06	8.80E-06	-7.57E-06
COURSE GRID	386000.0	3738500.0	4.05E-06	0	4.05E-06	1.22E-05	-8.14E-06	1.29E-06	0	1.22E-05	1.22E-05	-1.09E-05
COURSE GRID	386500.0	3738500.0	4.18E-06	0	4.18E-06	1.67E-05	-1.25E-05	1.34E-06	0	1.67E-05	1.67E-05	-1.54E-05
COURSE GRID	387000.0	3738500.0	4.28E-06	0	4.28E-06	1.56E-05	-1.13E-05	1.38E-06	0	1.56E-05	1.56E-05	-1.42E-05
COURSE GRID	387500.0	3738500.0	4.34E-06	0	4.34E-06	8.48E-06	-4.14E-06	1.41E-06	0	8.48E-06	8.48E-06	-7.07E-06
COURSE GRID	388000.0	3738500.0	4.39E-06	0	4.39E-06	6.33E-06	-1.94E-06	1.43E-06	0	6.33E-06	6.33E-06	-4.90E-06
COURSE GRID	388500.0	3738500.0	4.48E-06	0	4.48E-06	5.39E-06	-9.09E-07	1.47E-06	0	5.39E-06	5.39E-06	-3.92E-06
COURSE GRID	389000.0	3738500.0	4.52E-06	0	4.52E-06	4.62E-06	-9.94E-08	1.49E-06	0	4.62E-06	4.62E-06	-3.13E-06
COURSE GRID	389500.0	3738500.0	4.51E-06	0	4.51E-06	4.13E-06	3.78E-07	1.50E-06	0	4.13E-06	4.13E-06	-2.63E-06
COURSE GRID	390000.0	3738500.0	4.50E-06	0	4.50E-06	3.80E-06	7.03E-07	1.50E-06	0	3.80E-06	3.80E-06	-2.30E-06
COURSE GRID	390500.0	3738500.0	4.51E-06	0	4.51E-06	3.56E-06	9.46E-07	1.50E-06	0	3.56E-06	3.56E-06	-2.06E-06
COURSE GRID	391000.0	3738500.0	4.51E-06	0	4.51E-06	3.37E-06	1.14E-06	1.50E-06	0	3.37E-06	3.37E-06	-1.87E-06
COURSE GRID	391500.0	3738500.0	4.52E-06	0	4.52E-06	3.21E-06	1.32E-06	1.50E-06	0	3.21E-06	3.21E-06	-1.70E-06
COURSE GRID	392000.0	3738500.0	4.53E-06	0	4.53E-06	3.08E-06	1.46E-06	1.50E-06	0	3.08E-06	3.08E-06	-1.57E-06
COURSE GRID	392500.0	3738500.0	4.53E-06	0	4.53E-06	2.96E-06	1.57E-06	1.50E-06	0	2.96E-06	2.96E-06	-1.46E-06
COURSE GRID	393000.0	3738500.0	4.54E-06	0	4.54E-06	2.83E-06	1.71E-06	1.51E-06	0	2.83E-06	2.83E-06	-1.32E-06
COURSE GRID	393500.0	3738500.0	4.57E-06	0	4.57E-06	2.75E-06	1.82E-06	1.52E-06	0	2.75E-06	2.75E-06	-1.23E-06
COURSE GRID	377000.0	3739000.0	2.53E-06	0	2.53E-06	2.17E-06	3.59E-07	7.08E-07	0	2.17E-06	2.17E-06	-1.46E-06
COURSE GRID	377500.0	3739000.0	2.61E-06	0	2.61E-06	2.38E-06	2.35E-07	7.29E-07	0	2.38E-06	2.38E-06	-1.65E-06
COURSE GRID	378000.0	3739000.0	2.57E-06	0	2.57E-06	2.29E-06	2.86E-07	7.15E-07	0	2.29E-06	2.29E-06	-1.57E-06
COURSE GRID	378500.0	3739000.0	2.68E-06	0	2.68E-06	2.37E-06	3.11E-07	7.65E-07	0	2.37E-06	2.37E-06	-1.60E-06
COURSE GRID	379000.0	3739000.0	2.77E-06	0	2.77E-06	2.54E-06	3.40E-07	8.06E-07	0	2.54E-06	2.54E-06	-1.74E-06
COURSE GRID	379500.0	3739000.0	2.85E-06	0	2.85E-06	2.85E-06	3.40E-10	8.33E-07	0	2.85E-06	2.85E-06	-2.02E-06
COURSE GRID	380000.0	3739000.0	2.99E-06	0	2.99E-06	3.08E-06	-9.05E-08	8.77E-07	0	3.08E-06	3.08E-06	-2.21E-06
COURSE GRID	380500.0	3739000.0	3.01E-06	0	3.01E-06	3.38E-06	-3.72E-07	8.90E-07	0	3.38E-06	3.38E-06	-2.49E-06
COURSE GRID	381000.0	3739000.0	3.01E-06	0	3.01E-06	3.70E-06	-6.92E-07	8.91E-07	0	3.70E-06	3.70E-06	-2.81E-06
COURSE GRID	381500.0	3739000.0	3.02E-06	0	3.02E-06	4.08E-06	-1.06E-06	8.92E-07	0	4.08E-06	4.08E-06	-3.19E-06

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION				PROPOSE PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
			3.03E-06	0	3.03E-06	4.50E-06	-1.47E-06	8.93E-07	0	8.93E-07	4.50E-06	-3.61E-06
COURSE GRID	382000.0	3739000.0	3.02E-06	4.50E-06	-1.80E-06	8.87E-07	4.50E-06	8.87E-07	4.50E-06	-3.93E-06		
COURSE GRID	382500.0	3739000.0	3.10E-06	5.20E-06	-2.10E-06	9.20E-07	5.20E-06	9.20E-07	5.20E-06	-4.28E-06		
COURSE GRID	383000.0	3739000.0	3.20E-06	5.66E-06	-2.46E-06	9.57E-07	5.66E-06	9.57E-07	5.66E-06	-4.70E-06		
COURSE GRID	383500.0	3739000.0	3.28E-06	6.08E-06	-2.80E-06	9.91E-07	6.08E-06	9.91E-07	6.08E-06	-5.09E-06		
COURSE GRID	384000.0	3739000.0	3.37E-06	7.14E-06	-3.77E-06	1.03E-06	7.14E-06	1.03E-06	7.14E-06	-6.11E-06		
COURSE GRID	384500.0	3739000.0	3.50E-06	7.69E-06	-4.19E-06	1.08E-06	7.69E-06	1.08E-06	7.69E-06	-6.61E-06		
COURSE GRID	385000.0	3739000.0	3.68E-06	9.23E-06	-5.55E-06	1.15E-06	9.23E-06	1.15E-06	9.23E-06	-8.08E-06		
COURSE GRID	385500.0	3739000.0	3.78E-06	1.12E-05	-7.45E-06	1.19E-06	1.12E-05	1.19E-06	1.12E-05	-1.00E-05		
COURSE GRID	386000.0	3739000.0	3.87E-06	1.19E-05	-8.02E-06	1.23E-06	1.19E-05	1.23E-06	1.19E-05	-1.07E-05		
COURSE GRID	386500.0	3739000.0	3.99E-06	9.79E-06	-5.80E-06	1.27E-06	9.79E-06	1.27E-06	9.79E-06	-8.52E-06		
COURSE GRID	387000.0	3739000.0	4.06E-06	6.92E-06	-2.86E-06	1.30E-06	6.92E-06	1.30E-06	6.92E-06	-5.62E-06		
COURSE GRID	387500.0	3739000.0	4.11E-06	5.14E-06	-1.03E-06	1.32E-06	5.14E-06	1.32E-06	5.14E-06	-3.82E-06		
COURSE GRID	388000.0	3739000.0	4.15E-06	4.32E-06	-1.69E-07	1.34E-06	4.32E-06	1.34E-06	4.32E-06	-2.98E-06		
COURSE GRID	388500.0	3739000.0	4.26E-06	3.88E-06	3.86E-07	1.38E-06	3.88E-06	1.38E-06	3.88E-06	-2.49E-06		
COURSE GRID	389000.0	3739000.0	4.26E-06	3.40E-06	8.56E-07	1.39E-06	3.40E-06	1.39E-06	3.40E-06	-2.01E-06		
COURSE GRID	389500.0	3739000.0	4.26E-06	3.20E-06	1.06E-06	1.40E-06	3.20E-06	1.40E-06	3.20E-06	-1.80E-06		
COURSE GRID	390000.0	3739000.0	4.26E-06	3.07E-06	1.19E-06	1.40E-06	3.07E-06	1.40E-06	3.07E-06	-1.67E-06		
COURSE GRID	390500.0	3739000.0	4.26E-06	2.95E-06	1.31E-06	1.40E-06	2.95E-06	1.40E-06	2.95E-06	-1.55E-06		
COURSE GRID	391000.0	3739000.0	4.26E-06	2.88E-06	1.40E-06	1.40E-06	2.88E-06	1.40E-06	2.88E-06	-1.48E-06		
COURSE GRID	391500.0	3739000.0	4.27E-06	2.77E-06	1.50E-06	1.40E-06	2.77E-06	1.40E-06	2.77E-06	-1.37E-06		
COURSE GRID	392000.0	3739000.0	4.26E-06	2.67E-06	1.59E-06	1.40E-06	2.67E-06	1.40E-06	2.67E-06	-1.27E-06		
COURSE GRID	392500.0	3739000.0	4.22E-06	2.51E-06	1.71E-06	1.38E-06	2.51E-06	1.38E-06	2.51E-06	-1.13E-06		
COURSE GRID	393000.0	3739000.0	4.19E-06	2.42E-06	1.77E-06	1.38E-06	2.42E-06	1.38E-06	2.42E-06	-1.04E-06		
COURSE GRID	393500.0	3739000.0	2.40E-06	2.03E-06	3.76E-07	6.64E-07	2.03E-06	6.64E-07	2.03E-06	-1.36E-06		
COURSE GRID	377000.0	3739500.0	2.43E-06	2.11E-06	3.29E-07	6.73E-07	2.11E-06	6.73E-07	2.11E-06	-1.43E-06		
COURSE GRID	377500.0	3739500.0	2.52E-06	2.22E-06	2.99E-07	7.14E-07	2.22E-06	7.14E-07	2.22E-06	-1.51E-06		
COURSE GRID	378000.0	3739500.0	2.63E-06	2.35E-06	2.78E-07	7.64E-07	2.35E-06	7.64E-07	2.35E-06	-1.59E-06		
COURSE GRID	378500.0	3739500.0	2.69E-06	2.54E-06	1.54E-07	7.84E-07	2.54E-06	7.84E-07	2.54E-06	-1.75E-06		
COURSE GRID	379000.0	3739500.0	2.75E-06	2.66E-06	8.93E-08	7.96E-07	2.66E-06	7.96E-07	2.66E-06	-1.87E-06		
COURSE GRID	379500.0	3739500.0	2.80E-06	2.89E-06	-9.07E-08	8.19E-07	2.89E-06	8.19E-07	2.89E-06	-2.07E-06		
COURSE GRID	380000.0	3739500.0	2.92E-06	3.30E-06	-3.77E-07	8.59E-07	3.30E-06	8.59E-07	3.30E-06	-2.44E-06		
COURSE GRID	380500.0	3739500.0	2.90E-06	3.49E-06	-5.89E-07	8.51E-07	3.49E-06	8.51E-07	3.49E-06	-2.64E-06		
COURSE GRID	381000.0	3739500.0	2.85E-06	3.80E-06	-9.49E-07	8.35E-07	3.80E-06	8.35E-07	3.80E-06	-2.97E-06		
COURSE GRID	381500.0	3739500.0	2.88E-06	4.07E-06	-1.19E-06	8.43E-07	4.07E-06	8.43E-07	4.07E-06	-3.23E-06		
COURSE GRID	382000.0	3739500.0	2.88E-06	4.42E-06	-1.54E-06	8.39E-07	4.42E-06	8.39E-07	4.42E-06	-3.58E-06		
COURSE GRID	382500.0	3739500.0	2.88E-06	4.69E-06	-1.75E-06	8.65E-07	4.69E-06	8.65E-07	4.69E-06	-3.82E-06		
COURSE GRID	383000.0	3739500.0	3.02E-06	5.21E-06	-2.18E-06	8.97E-07	5.21E-06	8.97E-07	5.21E-06	-4.31E-06		
COURSE GRID	383500.0	3739500.0	3.10E-06	5.71E-06	-2.61E-06	9.29E-07	5.71E-06	9.29E-07	5.71E-06	-4.78E-06		
COURSE GRID	384000.0	3739500.0	3.17E-06	6.93E-06	-3.76E-06	9.59E-07	6.93E-06	9.59E-07	6.93E-06	-5.97E-06		

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	385000.0	3739500.0	3.27E-06	0	3.27E-06	7.50E-06	-4.23E-06	9.98E-07	0	9.98E-07	7.50E-06	-6.50E-06
COURSE GRID	385500.0	3739500.0	3.41E-06	0	3.41E-06	8.39E-06	-4.98E-06	1.05E-06	0	1.05E-06	8.39E-06	-7.34E-06
COURSE GRID	386000.0	3739500.0	3.56E-06	0	3.56E-06	8.87E-06	-5.31E-06	1.11E-06	0	1.11E-06	8.87E-06	-7.76E-06
COURSE GRID	386500.0	3739500.0	3.62E-06	0	3.62E-06	8.33E-06	-4.71E-06	1.13E-06	0	1.13E-06	8.33E-06	-7.20E-06
COURSE GRID	387000.0	3739500.0	3.74E-06	0	3.74E-06	7.22E-06	-3.48E-06	1.18E-06	0	1.18E-06	7.22E-06	-6.04E-06
COURSE GRID	387500.0	3739500.0	3.81E-06	0	3.81E-06	5.61E-06	-1.80E-06	1.20E-06	0	1.20E-06	5.61E-06	-4.41E-06
COURSE GRID	388000.0	3739500.0	3.86E-06	0	3.86E-06	4.55E-06	-6.89E-07	1.23E-06	0	1.23E-06	4.55E-06	-3.32E-06
COURSE GRID	388500.0	3739500.0	3.86E-06	0	3.86E-06	3.62E-06	2.41E-07	1.23E-06	0	1.23E-06	3.62E-06	-2.39E-06
COURSE GRID	389000.0	3739500.0	3.97E-06	0	3.97E-06	3.44E-06	5.34E-07	1.27E-06	0	1.27E-06	3.44E-06	-2.17E-06
COURSE GRID	389500.0	3739500.0	4.05E-06	0	4.05E-06	3.13E-06	9.20E-07	1.31E-06	0	1.31E-06	3.13E-06	-1.82E-06
COURSE GRID	390000.0	3739500.0	4.05E-06	0	4.05E-06	2.82E-06	1.23E-06	1.31E-06	0	1.31E-06	2.82E-06	-1.51E-06
COURSE GRID	390500.0	3739500.0	4.05E-06	0	4.05E-06	2.71E-06	1.34E-06	1.32E-06	0	1.32E-06	2.71E-06	-1.39E-06
COURSE GRID	391000.0	3739500.0	4.05E-06	0	4.05E-06	2.63E-06	1.42E-06	1.32E-06	0	1.32E-06	2.63E-06	-1.31E-06
COURSE GRID	391500.0	3739500.0	4.06E-06	0	4.06E-06	2.57E-06	1.49E-06	1.32E-06	0	1.32E-06	2.57E-06	-1.25E-06
COURSE GRID	392000.0	3739500.0	4.05E-06	0	4.05E-06	2.50E-06	1.55E-06	1.32E-06	0	1.32E-06	2.50E-06	-1.18E-06
COURSE GRID	392500.0	3739500.0	3.96E-06	0	3.96E-06	2.33E-06	1.63E-06	1.29E-06	0	1.29E-06	2.33E-06	-1.04E-06
COURSE GRID	393000.0	3739500.0	3.90E-06	0	3.90E-06	2.20E-06	1.70E-06	1.26E-06	0	1.26E-06	2.20E-06	-9.41E-07
COURSE GRID	393500.0	3739500.0	3.85E-06	0	3.85E-06	2.08E-06	1.77E-06	1.24E-06	0	1.24E-06	2.08E-06	-8.41E-07
COURSE GRID	377000.0	3740000.0	2.30E-06	0	2.30E-06	1.94E-06	3.63E-07	6.35E-07	0	6.35E-07	1.94E-06	-1.30E-06
COURSE GRID	377500.0	3740000.0	2.37E-06	0	2.37E-06	2.04E-06	3.31E-07	6.66E-07	0	6.66E-07	2.04E-06	-1.37E-06
COURSE GRID	378000.0	3740000.0	2.48E-06	0	2.48E-06	2.15E-06	3.30E-07	7.12E-07	0	7.12E-07	2.15E-06	-1.44E-06
COURSE GRID	378500.0	3740000.0	2.54E-06	0	2.54E-06	2.29E-06	2.49E-07	7.38E-07	0	7.38E-07	2.29E-06	-1.55E-06
COURSE GRID	379000.0	3740000.0	2.56E-06	0	2.56E-06	2.33E-06	2.28E-07	7.36E-07	0	7.36E-07	2.33E-06	-1.60E-06
COURSE GRID	379500.0	3740000.0	2.61E-06	0	2.61E-06	2.51E-06	1.06E-07	7.52E-07	0	7.52E-07	2.51E-06	-1.75E-06
COURSE GRID	380000.0	3740000.0	2.68E-06	0	2.68E-06	2.83E-06	-1.47E-07	7.82E-07	0	7.82E-07	2.83E-06	-2.05E-06
COURSE GRID	380500.0	3740000.0	2.71E-06	0	2.71E-06	3.01E-06	-2.97E-07	7.91E-07	0	7.91E-07	3.01E-06	-2.22E-06
COURSE GRID	381000.0	3740000.0	2.73E-06	0	2.73E-06	3.28E-06	-5.52E-07	7.95E-07	0	7.95E-07	3.28E-06	-2.49E-06
COURSE GRID	381500.0	3740000.0	2.72E-06	0	2.72E-06	3.58E-06	-8.61E-07	7.91E-07	0	7.91E-07	3.58E-06	-2.79E-06
COURSE GRID	382000.0	3740000.0	2.74E-06	0	2.74E-06	3.78E-06	-1.04E-06	7.96E-07	0	7.96E-07	3.78E-06	-2.99E-06
COURSE GRID	382500.0	3740000.0	2.75E-06	0	2.75E-06	4.13E-06	-1.38E-06	7.96E-07	0	7.96E-07	4.13E-06	-3.34E-06
COURSE GRID	383000.0	3740000.0	2.82E-06	0	2.82E-06	4.45E-06	-1.62E-06	8.23E-07	0	8.23E-07	4.45E-06	-3.62E-06
COURSE GRID	383500.0	3740000.0	2.89E-06	0	2.89E-06	5.00E-06	-2.11E-06	8.53E-07	0	8.53E-07	5.00E-06	-4.15E-06
COURSE GRID	384000.0	3740000.0	2.95E-06	0	2.95E-06	5.52E-06	-2.56E-06	8.76E-07	0	8.76E-07	5.52E-06	-4.64E-06
COURSE GRID	384500.0	3740000.0	3.00E-06	0	3.00E-06	6.55E-06	-3.55E-06	8.96E-07	0	8.96E-07	6.55E-06	-5.66E-06
COURSE GRID	385000.0	3740000.0	3.09E-06	0	3.09E-06	6.92E-06	-3.83E-06	9.33E-07	0	9.33E-07	6.92E-06	-5.99E-06
COURSE GRID	385500.0	3740000.0	3.20E-06	0	3.20E-06	7.08E-06	-3.88E-06	9.76E-07	0	9.76E-07	7.08E-06	-6.10E-06
COURSE GRID	386000.0	3740000.0	3.34E-06	0	3.34E-06	6.92E-06	-3.58E-06	1.03E-06	0	1.03E-06	6.92E-06	-5.89E-06
COURSE GRID	386500.0	3740000.0	3.43E-06	0	3.43E-06	6.43E-06	-3.00E-06	1.07E-06	0	1.07E-06	6.43E-06	-5.36E-06
COURSE GRID	387000.0	3740000.0	3.52E-06	0	3.52E-06	5.77E-06	-2.25E-06	1.10E-06	0	1.10E-06	5.77E-06	-4.67E-06
COURSE GRID	387500.0	3740000.0	3.58E-06	0	3.58E-06	4.82E-06	-1.24E-06	1.12E-06	0	1.12E-06	4.82E-06	-3.70E-06

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION				PROPOSE PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE		
			IMPACT	BASELINE	IMPACT	IMPACT	BASELINE	IMPACT	BASELINE	IMPACT		
COURSE GRID	388000.0	3740000.0	3.64E-06	0	3.64E-06	4.09E-06	-4.49E-07	1.15E-06	0	1.15E-06	4.09E-06	-2.94E-06
COURSE GRID	388500.0	3740000.0	3.68E-06	0	3.68E-06	3.42E-06	6.50E-07	1.17E-06	0	1.17E-06	3.42E-06	-2.25E-06
COURSE GRID	389000.0	3740000.0	3.72E-06	0	3.72E-06	3.06E-06	6.60E-07	1.18E-06	0	1.18E-06	3.06E-06	-1.88E-06
COURSE GRID	389500.0	3740000.0	3.78E-06	0	3.78E-06	2.88E-06	9.04E-07	1.21E-06	0	1.21E-06	2.88E-06	-1.67E-06
COURSE GRID	390000.0	3740000.0	3.82E-06	0	3.82E-06	2.60E-06	1.23E-06	1.22E-06	0	1.22E-06	2.60E-06	-1.37E-06
COURSE GRID	390500.0	3740000.0	3.86E-06	0	3.86E-06	2.48E-06	1.38E-06	1.24E-06	0	1.24E-06	2.48E-06	-1.24E-06
COURSE GRID	391000.0	3740000.0	3.86E-06	0	3.86E-06	2.39E-06	1.47E-06	1.25E-06	0	1.25E-06	2.39E-06	-1.14E-06
COURSE GRID	391500.0	3740000.0	3.83E-06	0	3.83E-06	2.30E-06	1.53E-06	1.24E-06	0	1.24E-06	2.30E-06	-1.06E-06
COURSE GRID	392000.0	3740000.0	3.73E-06	0	3.73E-06	2.08E-06	1.66E-06	1.20E-06	0	1.20E-06	2.08E-06	-8.75E-07
COURSE GRID	392500.0	3740000.0	3.60E-06	0	3.60E-06	1.87E-06	1.73E-06	1.14E-06	0	1.14E-06	1.87E-06	-7.32E-07
COURSE GRID	393000.0	3740000.0	3.64E-06	0	3.64E-06	1.93E-06	1.71E-06	1.16E-06	0	1.16E-06	1.93E-06	-7.70E-07
COURSE GRID	393500.0	3740000.0	3.72E-06	0	3.72E-06	2.01E-06	1.71E-06	1.20E-06	0	1.20E-06	2.01E-06	-8.11E-07
COURSE GRID	377000.0	3740500.0	2.24E-06	0	2.24E-06	1.88E-06	3.57E-07	6.23E-07	0	6.23E-07	1.88E-06	-1.26E-06
COURSE GRID	377500.0	3740500.0	2.33E-06	0	2.33E-06	1.99E-06	3.46E-07	6.63E-07	0	6.63E-07	1.99E-06	-1.32E-06
COURSE GRID	378000.0	3740500.0	2.41E-06	0	2.41E-06	2.11E-06	3.06E-07	6.97E-07	0	6.97E-07	2.11E-06	-1.41E-06
COURSE GRID	378500.0	3740500.0	2.44E-06	0	2.44E-06	2.15E-06	2.90E-07	7.04E-07	0	7.04E-07	2.15E-06	-1.45E-06
COURSE GRID	379000.0	3740500.0	2.47E-06	0	2.47E-06	2.29E-06	1.82E-07	7.07E-07	0	7.07E-07	2.29E-06	-1.58E-06
COURSE GRID	379500.0	3740500.0	2.50E-06	0	2.50E-06	2.50E-06	4.00E-11	7.21E-07	0	7.21E-07	2.50E-06	-1.78E-06
COURSE GRID	380000.0	3740500.0	2.54E-06	0	2.54E-06	2.61E-06	-7.19E-08	7.39E-07	0	7.39E-07	2.61E-06	-1.87E-06
COURSE GRID	380500.0	3740500.0	2.58E-06	0	2.58E-06	2.85E-06	-2.68E-07	7.48E-07	0	7.48E-07	2.85E-06	-2.10E-06
COURSE GRID	381000.0	3740500.0	2.58E-06	0	2.58E-06	3.14E-06	-5.62E-07	7.46E-07	0	7.46E-07	3.14E-06	-2.40E-06
COURSE GRID	381500.0	3740500.0	2.60E-06	0	2.60E-06	3.36E-06	-7.59E-07	7.51E-07	0	7.51E-07	3.36E-06	-2.61E-06
COURSE GRID	382000.0	3740500.0	2.60E-06	0	2.60E-06	3.56E-06	-9.57E-07	7.51E-07	0	7.51E-07	3.56E-06	-2.81E-06
COURSE GRID	382500.0	3740500.0	2.62E-06	0	2.62E-06	3.90E-06	-1.28E-06	7.54E-07	0	7.54E-07	3.90E-06	-3.14E-06
COURSE GRID	383000.0	3740500.0	2.69E-06	0	2.69E-06	4.23E-06	-1.54E-06	7.80E-07	0	7.80E-07	4.23E-06	-3.45E-06
COURSE GRID	383500.0	3740500.0	2.76E-06	0	2.76E-06	4.81E-06	-2.05E-06	8.09E-07	0	8.09E-07	4.81E-06	-4.00E-06
COURSE GRID	384000.0	3740500.0	2.81E-06	0	2.81E-06	5.25E-06	-2.44E-06	8.28E-07	0	8.28E-07	5.25E-06	-4.43E-06
COURSE GRID	384500.0	3740500.0	2.93E-06	0	2.93E-06	6.13E-06	-3.19E-06	8.73E-07	0	8.73E-07	6.13E-06	-5.25E-06
COURSE GRID	385000.0	3740500.0	2.93E-06	0	2.93E-06	6.13E-06	-3.20E-06	8.80E-07	0	8.80E-07	6.13E-06	-5.25E-06
COURSE GRID	385500.0	3740500.0	3.03E-06	0	3.03E-06	5.94E-06	-2.90E-06	9.17E-07	0	9.17E-07	5.94E-06	-5.02E-06
COURSE GRID	386000.0	3740500.0	3.13E-06	0	3.13E-06	5.57E-06	-2.44E-06	9.55E-07	0	9.55E-07	5.57E-06	-4.61E-06
COURSE GRID	386500.0	3740500.0	3.23E-06	0	3.23E-06	5.09E-06	-1.86E-06	9.91E-07	0	9.91E-07	5.09E-06	-4.10E-06
COURSE GRID	387000.0	3740500.0	3.33E-06	0	3.33E-06	4.78E-06	-1.45E-06	1.03E-06	0	1.03E-06	4.78E-06	-3.75E-06
COURSE GRID	387500.0	3740500.0	3.38E-06	0	3.38E-06	4.21E-06	-8.29E-07	1.05E-06	0	1.05E-06	4.21E-06	-3.16E-06
COURSE GRID	388000.0	3740500.0	3.44E-06	0	3.44E-06	3.69E-06	-2.49E-07	1.07E-06	0	1.07E-06	3.69E-06	-2.62E-06
COURSE GRID	388500.0	3740500.0	3.49E-06	0	3.49E-06	3.23E-06	2.62E-07	1.09E-06	0	1.09E-06	3.23E-06	-2.14E-06
COURSE GRID	389000.0	3740500.0	3.52E-06	0	3.52E-06	2.80E-06	7.24E-07	1.11E-06	0	1.11E-06	2.80E-06	-1.69E-06
COURSE GRID	389500.0	3740500.0	3.55E-06	0	3.55E-06	2.60E-06	9.49E-07	1.12E-06	0	1.12E-06	2.60E-06	-1.48E-06
COURSE GRID	390000.0	3740500.0	3.59E-06	0	3.59E-06	2.45E-06	1.14E-06	1.14E-06	0	1.14E-06	2.45E-06	-1.31E-06
COURSE GRID	390500.0	3740500.0	3.65E-06	0	3.65E-06	2.31E-06	1.34E-06	1.16E-06	0	1.16E-06	2.31E-06	-1.15E-06

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA IMPACT		
COURSE GRID	391000.0	3740500.0	3.62E-06	0	3.62E-06	1.16E-06	0	1.16E-06	2.12E-06	0	-9.56E-07
COURSE GRID	391500.0	3740500.0	3.55E-06	0	3.55E-06	1.14E-06	0	1.14E-06	1.97E-06	0	-8.26E-07
COURSE GRID	392000.0	3740500.0	3.27E-06	0	3.27E-06	1.02E-06	0	1.02E-06	1.65E-06	0	-6.28E-07
COURSE GRID	392500.0	3740500.0	3.18E-06	0	3.18E-06	9.89E-07	0	9.89E-07	1.53E-06	0	-5.36E-07
COURSE GRID	393000.0	3740500.0	3.50E-06	0	3.50E-06	1.11E-06	0	1.11E-06	1.78E-06	0	-6.69E-07
COURSE GRID	393500.0	3740500.0	3.58E-06	0	3.58E-06	1.14E-06	0	1.14E-06	1.86E-06	0	-7.20E-07
COURSE GRID	377000.0	3741000.0	2.19E-06	0	2.19E-06	6.17E-07	0	6.17E-07	1.83E-06	0	-1.21E-06
COURSE GRID	377500.0	3741000.0	2.27E-06	0	2.27E-06	6.52E-07	0	6.52E-07	1.93E-06	0	-1.28E-06
COURSE GRID	378000.0	3741000.0	2.31E-06	0	2.31E-06	6.66E-07	0	6.66E-07	1.96E-06	0	-1.29E-06
COURSE GRID	378500.0	3741000.0	2.32E-06	0	2.32E-06	6.61E-07	0	6.61E-07	2.03E-06	0	-1.36E-06
COURSE GRID	379000.0	3741000.0	2.36E-06	0	2.36E-06	6.73E-07	0	6.73E-07	2.26E-06	0	-1.58E-06
COURSE GRID	379500.0	3741000.0	2.43E-06	0	2.43E-06	7.02E-07	0	7.02E-07	2.44E-06	0	-1.74E-06
COURSE GRID	380000.0	3741000.0	2.43E-06	0	2.43E-06	7.03E-07	0	7.03E-07	2.50E-06	0	-1.79E-06
COURSE GRID	380500.0	3741000.0	2.46E-06	0	2.46E-06	7.09E-07	0	7.09E-07	2.77E-06	0	-2.06E-06
COURSE GRID	381000.0	3741000.0	2.49E-06	0	2.49E-06	7.16E-07	0	7.16E-07	3.08E-06	0	-2.36E-06
COURSE GRID	381500.0	3741000.0	2.47E-06	0	2.47E-06	7.11E-07	0	7.11E-07	3.15E-06	0	-2.44E-06
COURSE GRID	382000.0	3741000.0	2.49E-06	0	2.49E-06	7.15E-07	0	7.15E-07	3.46E-06	0	-2.74E-06
COURSE GRID	382500.0	3741000.0	2.51E-06	0	2.51E-06	7.19E-07	0	7.19E-07	3.74E-06	0	-3.02E-06
COURSE GRID	383000.0	3741000.0	2.57E-06	0	2.57E-06	7.42E-07	0	7.42E-07	4.07E-06	0	-3.32E-06
COURSE GRID	383500.0	3741000.0	2.63E-06	0	2.63E-06	7.67E-07	0	7.67E-07	4.57E-06	0	-3.81E-06
COURSE GRID	384000.0	3741000.0	2.68E-06	0	2.68E-06	7.87E-07	0	7.87E-07	4.87E-06	0	-4.08E-06
COURSE GRID	384500.0	3741000.0	2.73E-06	0	2.73E-06	8.07E-07	0	8.07E-07	5.27E-06	0	-4.47E-06
COURSE GRID	385000.0	3741000.0	2.83E-06	0	2.83E-06	8.44E-07	0	8.44E-07	5.45E-06	0	-4.61E-06
COURSE GRID	385500.0	3741000.0	2.89E-06	0	2.89E-06	8.67E-07	0	8.67E-07	5.08E-06	0	-4.21E-06
COURSE GRID	386000.0	3741000.0	3.00E-06	0	3.00E-06	9.06E-07	0	9.06E-07	4.86E-06	0	-3.95E-06
COURSE GRID	386500.0	3741000.0	3.07E-06	0	3.07E-06	9.36E-07	0	9.36E-07	4.34E-06	0	-3.40E-06
COURSE GRID	387000.0	3741000.0	3.14E-06	0	3.14E-06	9.64E-07	0	9.64E-07	4.03E-06	0	-3.06E-06
COURSE GRID	387500.0	3741000.0	3.20E-06	0	3.20E-06	9.87E-07	0	9.87E-07	3.75E-06	0	-2.77E-06
COURSE GRID	388000.0	3741000.0	3.25E-06	0	3.25E-06	1.00E-06	0	1.00E-06	3.35E-06	0	-2.35E-06
COURSE GRID	388500.0	3741000.0	3.30E-06	0	3.30E-06	1.03E-06	0	1.03E-06	3.05E-06	0	-2.02E-06
COURSE GRID	389000.0	3741000.0	3.34E-06	0	3.34E-06	1.04E-06	0	1.04E-06	2.67E-06	0	-1.63E-06
COURSE GRID	389500.0	3741000.0	3.36E-06	0	3.36E-06	1.05E-06	0	1.05E-06	2.39E-06	0	-1.34E-06
COURSE GRID	390000.0	3741000.0	3.39E-06	0	3.39E-06	1.06E-06	0	1.06E-06	2.29E-06	0	-1.23E-06
COURSE GRID	390500.0	3741000.0	3.39E-06	0	3.39E-06	1.07E-06	0	1.07E-06	2.11E-06	0	-1.04E-06
COURSE GRID	391000.0	3741000.0	3.40E-06	0	3.40E-06	1.08E-06	0	1.08E-06	1.95E-06	0	-8.65E-07
COURSE GRID	391500.0	3741000.0	3.32E-06	0	3.32E-06	1.04E-06	0	1.04E-06	1.72E-06	0	-6.80E-07
COURSE GRID	392000.0	3741000.0	3.32E-06	0	3.32E-06	1.05E-06	0	1.05E-06	1.72E-06	0	-6.73E-07
COURSE GRID	392500.0	3741000.0	3.33E-06	0	3.33E-06	1.05E-06	0	1.05E-06	1.72E-06	0	-6.71E-07
COURSE GRID	393000.0	3741000.0	3.37E-06	0	3.37E-06	1.07E-06	0	1.07E-06	1.73E-06	0	-6.58E-07
COURSE GRID	393500.0	3741000.0	3.41E-06	0	3.41E-06	1.08E-06	0	1.08E-06	1.75E-06	0	-6.67E-07

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	377000.0	3741500.0	2.14E-06	0	2.14E-06	1.78E-06	3.58E-07	6.08E-07	0	6.08E-07	1.78E-06	-1.17E-06
COURSE GRID	377500.0	3741500.0	2.18E-06	0	2.18E-06	1.78E-06	4.05E-07	6.24E-07	0	6.24E-07	1.78E-06	-1.15E-06
COURSE GRID	378000.0	3741500.0	2.19E-06	0	2.19E-06	1.83E-06	3.64E-07	6.27E-07	0	6.27E-07	1.83E-06	-1.20E-06
COURSE GRID	378500.0	3741500.0	2.21E-06	0	2.21E-06	2.02E-06	1.87E-07	6.28E-07	0	6.28E-07	2.02E-06	-1.40E-06
COURSE GRID	379000.0	3741500.0	2.27E-06	0	2.27E-06	2.18E-06	9.09E-08	6.48E-07	0	6.48E-07	2.18E-06	-1.53E-06
COURSE GRID	379500.0	3741500.0	2.32E-06	0	2.32E-06	2.29E-06	3.29E-08	6.68E-07	0	6.68E-07	2.29E-06	-1.62E-06
COURSE GRID	380000.0	3741500.0	2.36E-06	0	2.36E-06	2.53E-06	-1.70E-07	6.80E-07	0	6.80E-07	2.53E-06	-1.85E-06
COURSE GRID	380500.0	3741500.0	2.33E-06	0	2.33E-06	2.66E-06	-3.27E-07	6.68E-07	0	6.68E-07	2.66E-06	-1.99E-06
COURSE GRID	381000.0	3741500.0	2.37E-06	0	2.37E-06	2.95E-06	-5.74E-07	6.81E-07	0	6.81E-07	2.95E-06	-2.26E-06
COURSE GRID	381500.0	3741500.0	2.37E-06	0	2.37E-06	3.05E-06	-6.80E-07	6.80E-07	0	6.80E-07	3.05E-06	-2.37E-06
COURSE GRID	382000.0	3741500.0	2.38E-06	0	2.38E-06	3.34E-06	-9.60E-07	6.80E-07	0	6.80E-07	3.34E-06	-2.66E-06
COURSE GRID	382500.0	3741500.0	2.40E-06	0	2.40E-06	3.61E-06	-1.21E-06	6.86E-07	0	6.86E-07	3.61E-06	-2.93E-06
COURSE GRID	383000.0	3741500.0	2.47E-06	0	2.47E-06	3.92E-06	-1.45E-06	7.10E-07	0	7.10E-07	3.92E-06	-3.21E-06
COURSE GRID	383500.0	3741500.0	2.52E-06	0	2.52E-06	4.25E-06	-1.73E-06	7.32E-07	0	7.32E-07	4.25E-06	-3.52E-06
COURSE GRID	384000.0	3741500.0	2.57E-06	0	2.57E-06	4.44E-06	-1.87E-06	7.50E-07	0	7.50E-07	4.44E-06	-3.69E-06
COURSE GRID	384500.0	3741500.0	2.61E-06	0	2.61E-06	4.61E-06	-2.00E-06	7.68E-07	0	7.68E-07	4.61E-06	-3.84E-06
COURSE GRID	385000.0	3741500.0	2.67E-06	0	2.67E-06	4.75E-06	-2.07E-06	7.93E-07	0	7.93E-07	4.75E-06	-3.95E-06
COURSE GRID	385500.0	3741500.0	2.78E-06	0	2.78E-06	4.53E-06	-1.75E-06	8.32E-07	0	8.32E-07	4.53E-06	-3.70E-06
COURSE GRID	386000.0	3741500.0	2.86E-06	0	2.86E-06	4.26E-06	-1.40E-06	8.58E-07	0	8.58E-07	4.26E-06	-3.41E-06
COURSE GRID	386500.0	3741500.0	2.93E-06	0	2.93E-06	3.85E-06	-9.19E-07	8.86E-07	0	8.86E-07	3.85E-06	-2.96E-06
COURSE GRID	387000.0	3741500.0	3.00E-06	0	3.00E-06	3.56E-06	-5.59E-07	9.13E-07	0	9.13E-07	3.56E-06	-2.65E-06
COURSE GRID	387500.0	3741500.0	3.04E-06	0	3.04E-06	3.31E-06	-2.70E-07	9.30E-07	0	9.30E-07	3.31E-06	-2.38E-06
COURSE GRID	388000.0	3741500.0	3.09E-06	0	3.09E-06	3.08E-06	6.50E-09	9.48E-07	0	9.48E-07	3.08E-06	-2.14E-06
COURSE GRID	388500.0	3741500.0	3.13E-06	0	3.13E-06	2.85E-06	2.85E-07	9.65E-07	0	9.65E-07	2.85E-06	-1.88E-06
COURSE GRID	389000.0	3741500.0	3.17E-06	0	3.17E-06	2.59E-06	5.81E-07	9.83E-07	0	9.83E-07	2.59E-06	-1.61E-06
COURSE GRID	389500.0	3741500.0	3.20E-06	0	3.20E-06	2.29E-06	9.15E-07	9.95E-07	0	9.95E-07	2.29E-06	-1.29E-06
COURSE GRID	390000.0	3741500.0	3.19E-06	0	3.19E-06	2.09E-06	1.10E-06	9.95E-07	0	9.95E-07	2.09E-06	-1.09E-06
COURSE GRID	390500.0	3741500.0	3.20E-06	0	3.20E-06	1.96E-06	1.24E-06	9.98E-07	0	9.98E-07	1.96E-06	-9.64E-07
COURSE GRID	391000.0	3741500.0	3.22E-06	0	3.22E-06	1.87E-06	1.35E-06	1.01E-06	0	1.01E-06	1.87E-06	-8.58E-07
COURSE GRID	391500.0	3741500.0	3.22E-06	0	3.22E-06	1.74E-06	1.48E-06	1.01E-06	0	1.01E-06	1.74E-06	-7.34E-07
COURSE GRID	392000.0	3741500.0	3.24E-06	0	3.24E-06	1.68E-06	1.56E-06	1.02E-06	0	1.02E-06	1.68E-06	-6.58E-07
COURSE GRID	392500.0	3741500.0	3.25E-06	0	3.25E-06	1.67E-06	1.58E-06	1.03E-06	0	1.03E-06	1.67E-06	-6.43E-07
COURSE GRID	393000.0	3741500.0	3.27E-06	0	3.27E-06	1.70E-06	1.57E-06	1.03E-06	0	1.03E-06	1.70E-06	-6.70E-07
COURSE GRID	393500.0	3741500.0	3.28E-06	0	3.28E-06	1.71E-06	1.57E-06	1.04E-06	0	1.04E-06	1.71E-06	-6.70E-07
COURSE GRID	377000.0	3742000.0	2.09E-06	0	2.09E-06	1.69E-06	3.97E-07	5.97E-07	0	5.97E-07	1.69E-06	-1.10E-06
COURSE GRID	377500.0	3742000.0	2.10E-06	0	2.10E-06	1.71E-06	3.95E-07	6.02E-07	0	6.02E-07	1.71E-06	-1.10E-06
COURSE GRID	378000.0	3742000.0	2.10E-06	0	2.10E-06	1.84E-06	2.57E-07	5.96E-07	0	5.96E-07	1.84E-06	-1.25E-06
COURSE GRID	378500.0	3742000.0	2.13E-06	0	2.13E-06	2.00E-06	1.30E-07	6.04E-07	0	6.04E-07	2.00E-06	-1.40E-06
COURSE GRID	379000.0	3742000.0	2.19E-06	0	2.19E-06	2.08E-06	1.07E-07	6.27E-07	0	6.27E-07	2.08E-06	-1.46E-06
COURSE GRID	379500.0	3742000.0	2.22E-06	0	2.22E-06	2.22E-06	2.86E-09	6.39E-07	0	6.39E-07	2.22E-06	-1.58E-06

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	380000.0	3742000.0	2.23E-06	0	2.23E-06	2.38E-06	-1.45E-07	6.38E-07	0	2.38E-06	6.38E-07	-1.74E-06
COURSE GRID	380500.0	3742000.0	2.25E-06	0	2.25E-06	2.66E-06	-4.13E-07	6.42E-07	0	2.66E-06	6.42E-07	-2.02E-06
COURSE GRID	381000.0	3742000.0	2.27E-06	0	2.27E-06	2.82E-06	-5.51E-07	6.46E-07	0	2.82E-06	6.46E-07	-2.18E-06
COURSE GRID	381500.0	3742000.0	2.27E-06	0	2.27E-06	2.97E-06	-6.99E-07	6.48E-07	0	2.97E-06	6.48E-07	-2.32E-06
COURSE GRID	382000.0	3742000.0	2.28E-06	0	2.28E-06	3.24E-06	-9.62E-07	6.49E-07	0	3.24E-06	6.49E-07	-2.59E-06
COURSE GRID	382500.0	3742000.0	2.31E-06	0	2.31E-06	3.44E-06	-1.13E-06	6.56E-07	0	3.44E-06	6.56E-07	-2.78E-06
COURSE GRID	383000.0	3742000.0	2.37E-06	0	2.37E-06	3.68E-06	-1.31E-06	6.79E-07	0	3.68E-06	6.79E-07	-3.00E-06
COURSE GRID	383500.0	3742000.0	2.42E-06	0	2.42E-06	3.92E-06	-1.50E-06	7.00E-07	0	3.92E-06	7.00E-07	-3.22E-06
COURSE GRID	384000.0	3742000.0	2.46E-06	0	2.46E-06	4.01E-06	-1.55E-06	7.16E-07	0	4.01E-06	7.16E-07	-3.30E-06
COURSE GRID	384500.0	3742000.0	2.50E-06	0	2.50E-06	4.07E-06	-1.57E-06	7.32E-07	0	4.07E-06	7.32E-07	-3.34E-06
COURSE GRID	385000.0	3742000.0	2.57E-06	0	2.57E-06	4.25E-06	-1.68E-06	7.60E-07	0	4.25E-06	7.60E-07	-3.49E-06
COURSE GRID	385500.0	3742000.0	2.63E-06	0	2.63E-06	3.97E-06	-1.34E-06	7.80E-07	0	3.97E-06	7.80E-07	-3.19E-06
COURSE GRID	386000.0	3742000.0	2.72E-06	0	2.72E-06	3.73E-06	-1.01E-06	8.11E-07	0	3.73E-06	8.11E-07	-2.92E-06
COURSE GRID	386500.0	3742000.0	2.78E-06	0	2.78E-06	3.44E-06	-6.60E-07	8.34E-07	0	3.44E-06	8.34E-07	-2.61E-06
COURSE GRID	387000.0	3742000.0	2.85E-06	0	2.85E-06	3.17E-06	-3.23E-07	8.62E-07	0	3.17E-06	8.62E-07	-2.31E-06
COURSE GRID	387500.0	3742000.0	2.90E-06	0	2.90E-06	2.97E-06	-6.55E-08	8.81E-07	0	2.97E-06	8.81E-07	-2.08E-06
COURSE GRID	388000.0	3742000.0	2.94E-06	0	2.94E-06	2.82E-06	1.22E-07	8.96E-07	0	2.82E-06	8.96E-07	-1.92E-06
COURSE GRID	388500.0	3742000.0	3.00E-06	0	3.00E-06	2.70E-06	3.01E-07	9.18E-07	0	2.70E-06	9.18E-07	-1.78E-06
COURSE GRID	389000.0	3742000.0	3.02E-06	0	3.02E-06	2.49E-06	5.35E-07	9.28E-07	0	2.49E-06	9.28E-07	-1.56E-06
COURSE GRID	389500.0	3742000.0	3.06E-06	0	3.06E-06	2.25E-06	8.10E-07	9.44E-07	0	2.25E-06	9.44E-07	-1.31E-06
COURSE GRID	390000.0	3742000.0	3.03E-06	0	3.03E-06	1.93E-06	1.10E-06	9.37E-07	0	1.93E-06	9.37E-07	-9.96E-07
COURSE GRID	390500.0	3742000.0	2.98E-06	0	2.98E-06	1.73E-06	1.25E-06	9.19E-07	0	1.73E-06	9.19E-07	-8.11E-07
COURSE GRID	391000.0	3742000.0	3.04E-06	0	3.04E-06	1.74E-06	1.30E-06	9.43E-07	0	1.74E-06	9.43E-07	-7.99E-07
COURSE GRID	391500.0	3742000.0	3.11E-06	0	3.11E-06	1.74E-06	1.37E-06	9.69E-07	0	1.74E-06	9.69E-07	-7.69E-07
COURSE GRID	392000.0	3742000.0	3.13E-06	0	3.13E-06	1.67E-06	1.46E-06	9.82E-07	0	1.67E-06	9.82E-07	-6.88E-07
COURSE GRID	392500.0	3742000.0	3.16E-06	0	3.16E-06	1.64E-06	1.52E-06	9.94E-07	0	1.64E-06	9.94E-07	-6.45E-07
COURSE GRID	393000.0	3742000.0	3.15E-06	0	3.15E-06	1.62E-06	1.53E-06	9.93E-07	0	1.62E-06	9.93E-07	-6.30E-07
COURSE GRID	393500.0	3742000.0	3.15E-06	0	3.15E-06	1.63E-06	1.52E-06	9.91E-07	0	1.63E-06	9.91E-07	-6.39E-07

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE
COURSE GRID	377000.0	3728500.0	6.73E-03	0	6.73E-03	3.87E-03	2.86E-03	2.87E-03	3.87E-03	2.86E-03	-1.00E-03
COURSE GRID	377500.0	3728500.0	7.03E-03	0	7.03E-03	3.86E-03	3.17E-03	3.05E-03	3.86E-03	3.17E-03	-8.12E-04
COURSE GRID	378000.0	3728500.0	7.37E-03	0	7.37E-03	3.87E-03	3.50E-03	3.24E-03	3.87E-03	3.50E-03	-6.27E-04
COURSE GRID	378500.0	3728500.0	7.71E-03	0	7.71E-03	4.00E-03	3.71E-03	3.43E-03	4.00E-03	3.71E-03	-5.71E-04
COURSE GRID	379000.0	3728500.0	8.03E-03	0	8.03E-03	4.18E-03	3.85E-03	3.60E-03	4.18E-03	3.85E-03	-5.79E-04
COURSE GRID	379500.0	3728500.0	8.37E-03	0	8.37E-03	4.39E-03	3.98E-03	3.76E-03	4.39E-03	3.98E-03	-6.30E-04
COURSE GRID	380000.0	3728500.0	8.79E-03	0	8.79E-03	4.74E-03	4.05E-03	3.96E-03	4.74E-03	4.05E-03	-7.80E-04
COURSE GRID	380500.0	3728500.0	9.18E-03	0	9.18E-03	5.11E-03	4.07E-03	4.15E-03	5.11E-03	4.15E-03	-9.60E-04
COURSE GRID	381000.0	3728500.0	9.35E-03	0	9.35E-03	5.34E-03	4.01E-03	4.19E-03	5.34E-03	4.01E-03	-1.15E-03
COURSE GRID	381500.0	3728500.0	9.31E-03	0	9.31E-03	5.58E-03	3.73E-03	4.13E-03	5.58E-03	3.73E-03	-1.45E-03
COURSE GRID	382000.0	3728500.0	9.62E-03	0	9.62E-03	6.21E-03	3.41E-03	4.23E-03	6.21E-03	3.41E-03	-1.98E-03
COURSE GRID	382500.0	3728500.0	1.03E-02	0	1.03E-02	6.99E-03	3.31E-03	4.59E-03	6.99E-03	3.31E-03	-2.40E-03
COURSE GRID	383000.0	3728500.0	1.12E-02	0	1.12E-02	8.81E-03	2.39E-03	5.17E-03	8.81E-03	2.39E-03	-3.64E-03
COURSE GRID	383500.0	3728500.0	1.34E-02	0	1.34E-02	1.03E-02	3.09E-03	6.39E-03	1.03E-02	3.09E-03	-3.92E-03
COURSE GRID	384000.0	3728500.0	1.72E-02	0	1.72E-02	1.15E-02	5.74E-03	8.32E-03	1.15E-02	5.74E-03	-3.14E-03
COURSE GRID	384500.0	3728500.0	2.26E-02	0	2.26E-02	1.25E-02	1.01E-02	1.13E-02	1.25E-02	1.01E-02	-1.17E-03
COURSE GRID	385000.0	3728500.0	2.74E-02	0	2.74E-02	1.34E-02	1.41E-02	1.41E-02	1.34E-02	1.41E-02	7.51E-04
COURSE GRID	385500.0	3728500.0	2.71E-02	0	2.71E-02	1.28E-02	1.43E-02	1.41E-02	1.28E-02	1.43E-02	1.29E-03
COURSE GRID	386000.0	3728500.0	2.22E-02	0	2.22E-02	1.25E-02	9.66E-03	1.17E-02	1.17E-02	9.66E-03	-8.39E-04
COURSE GRID	386500.0	3728500.0	1.77E-02	0	1.77E-02	1.23E-02	5.39E-03	9.19E-03	1.23E-02	5.39E-03	-3.12E-03
COURSE GRID	387000.0	3728500.0	1.50E-02	0	1.50E-02	1.19E-02	3.12E-03	7.42E-03	1.19E-02	3.12E-03	-4.46E-03
COURSE GRID	387500.0	3728500.0	1.37E-02	0	1.37E-02	1.11E-02	2.56E-03	6.47E-03	1.11E-02	2.56E-03	-4.67E-03
COURSE GRID	388000.0	3728500.0	1.30E-02	0	1.30E-02	1.08E-02	2.23E-03	5.93E-03	1.08E-02	2.23E-03	-4.84E-03
COURSE GRID	388500.0	3728500.0	1.26E-02	0	1.26E-02	1.12E-02	1.41E-03	5.64E-03	1.12E-02	1.41E-03	-5.55E-03
COURSE GRID	389000.0	3728500.0	1.22E-02	0	1.22E-02	1.14E-02	8.30E-04	5.47E-03	1.14E-02	8.30E-04	-5.90E-03
COURSE GRID	389500.0	3728500.0	1.17E-02	0	1.17E-02	1.14E-02	2.70E-04	5.27E-03	1.14E-02	2.70E-04	-6.16E-03
COURSE GRID	390000.0	3728500.0	1.12E-02	0	1.12E-02	1.16E-02	-3.90E-04	5.03E-03	1.16E-02	-3.90E-04	-6.56E-03
COURSE GRID	390500.0	3728500.0	1.06E-02	0	1.06E-02	1.19E-02	-1.27E-03	4.77E-03	1.19E-02	-1.27E-03	-7.10E-03
COURSE GRID	391000.0	3728500.0	1.01E-02	0	1.01E-02	1.18E-02	-1.74E-03	4.51E-03	1.18E-02	-1.74E-03	-7.33E-03
COURSE GRID	391500.0	3728500.0	9.53E-03	0	9.53E-03	1.18E-02	-2.29E-03	4.26E-03	1.18E-02	-2.29E-03	-7.56E-03
COURSE GRID	392000.0	3728500.0	9.05E-03	0	9.05E-03	1.18E-02	-2.70E-03	4.02E-03	1.18E-02	-2.70E-03	-7.73E-03
COURSE GRID	392500.0	3728500.0	8.62E-03	0	8.62E-03	1.19E-02	-3.24E-03	3.80E-03	1.19E-02	-3.24E-03	-8.06E-03
COURSE GRID	393000.0	3728500.0	8.24E-03	0	8.24E-03	1.20E-02	-3.77E-03	3.60E-03	1.20E-02	-3.77E-03	-8.41E-03
COURSE GRID	393500.0	3728500.0	7.90E-03	0	7.90E-03	1.20E-02	-4.11E-03	3.43E-03	1.20E-02	-4.11E-03	-8.58E-03
COURSE GRID	377000.0	3729000.0	6.75E-03	0	6.75E-03	3.98E-03	2.78E-03	2.93E-03	3.98E-03	2.78E-03	-1.04E-03
COURSE GRID	377500.0	3729000.0	7.06E-03	0	7.06E-03	4.20E-03	2.86E-03	3.10E-03	4.20E-03	2.86E-03	-1.10E-03
COURSE GRID	378000.0	3729000.0	7.44E-03	0	7.44E-03	4.18E-03	3.26E-03	3.30E-03	4.18E-03	3.26E-03	-8.77E-04
COURSE GRID	378500.0	3729000.0	7.86E-03	0	7.86E-03	4.20E-03	3.66E-03	3.54E-03	4.20E-03	3.66E-03	-6.62E-04
COURSE GRID	379000.0	3729000.0	8.33E-03	0	8.33E-03	4.42E-03	3.91E-03	3.80E-03	4.42E-03	3.91E-03	-6.19E-04
COURSE GRID	379500.0	3729000.0	8.81E-03	0	8.81E-03	4.66E-03	4.15E-03	4.06E-03	4.66E-03	4.15E-03	-6.00E-04

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION				PROPOSE PROJECT - WITH MITIGATION				
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	
			IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE	
COURSE GRID	380000.0	3729000.0	9.27E-03	4.95E-03	4.32E-03	4.29E-03	4.95E-03	4.29E-03	4.95E-03	4.32E-03	-6.60E-04
COURSE GRID	380500.0	3729000.0	9.79E-03	5.47E-03	4.32E-03	4.53E-03	5.47E-03	4.53E-03	5.47E-03	4.32E-03	-9.40E-04
COURSE GRID	381000.0	3729000.0	1.03E-02	5.82E-03	4.48E-03	4.78E-03	5.82E-03	4.78E-03	5.82E-03	4.48E-03	-1.04E-03
COURSE GRID	381500.0	3729000.0	1.05E-02	6.14E-03	4.36E-03	4.83E-03	6.14E-03	4.83E-03	6.14E-03	4.36E-03	-1.31E-03
COURSE GRID	382000.0	3729000.0	1.07E-02	6.84E-03	3.86E-03	4.85E-03	6.84E-03	4.85E-03	6.84E-03	3.86E-03	-1.99E-03
COURSE GRID	382500.0	3729000.0	1.13E-02	7.86E-03	3.44E-03	5.06E-03	7.86E-03	5.06E-03	7.86E-03	3.44E-03	-2.80E-03
COURSE GRID	383000.0	3729000.0	1.24E-02	1.02E-02	2.19E-03	5.77E-03	1.02E-02	5.77E-03	1.02E-02	2.19E-03	-4.44E-03
COURSE GRID	383500.0	3729000.0	1.51E-02	1.20E-02	3.13E-03	7.29E-03	1.20E-02	7.29E-03	1.20E-02	3.13E-03	-4.68E-03
COURSE GRID	384000.0	3729000.0	2.02E-02	1.33E-02	6.91E-03	9.92E-03	1.33E-02	9.92E-03	1.33E-02	6.91E-03	-3.37E-03
COURSE GRID	384500.0	3729000.0	2.73E-02	1.44E-02	1.29E-02	1.40E-02	1.44E-02	1.40E-02	1.44E-02	1.29E-02	-3.99E-04
COURSE GRID	385000.0	3729000.0	2.97E-02	1.46E-02	1.52E-02	1.57E-02	1.46E-02	1.57E-02	1.46E-02	1.52E-02	1.15E-03
COURSE GRID	385500.0	3729000.0	2.62E-02	1.37E-02	1.25E-02	1.42E-02	1.37E-02	1.42E-02	1.37E-02	1.25E-02	5.41E-04
COURSE GRID	386000.0	3729000.0	2.06E-02	1.35E-02	7.15E-03	1.10E-02	1.35E-02	1.10E-02	1.35E-02	7.15E-03	-2.45E-03
COURSE GRID	386500.0	3729000.0	1.72E-02	1.30E-02	4.23E-03	8.68E-03	1.30E-02	8.68E-03	1.30E-02	4.23E-03	-4.29E-03
COURSE GRID	387000.0	3729000.0	1.58E-02	1.22E-02	3.59E-03	7.54E-03	1.22E-02	7.54E-03	1.22E-02	3.59E-03	-4.67E-03
COURSE GRID	387500.0	3729000.0	1.51E-02	1.16E-02	3.47E-03	6.92E-03	1.16E-02	6.92E-03	1.16E-02	3.47E-03	-4.71E-03
COURSE GRID	388000.0	3729000.0	1.45E-02	1.13E-02	3.16E-03	6.61E-03	1.13E-02	6.61E-03	1.13E-02	3.16E-03	-4.73E-03
COURSE GRID	388500.0	3729000.0	1.38E-02	1.18E-02	2.01E-03	6.34E-03	1.18E-02	6.34E-03	1.18E-02	2.01E-03	-5.45E-03
COURSE GRID	389000.0	3729000.0	1.30E-02	1.19E-02	1.10E-03	6.01E-03	1.19E-02	6.01E-03	1.19E-02	1.10E-03	-5.89E-03
COURSE GRID	389500.0	3729000.0	1.22E-02	1.19E-02	3.00E-04	5.66E-03	1.19E-02	5.66E-03	1.19E-02	3.00E-04	-6.24E-03
COURSE GRID	390000.0	3729000.0	1.15E-02	1.21E-02	-5.70E-04	5.32E-03	1.21E-02	5.32E-03	1.21E-02	-5.70E-04	-6.75E-03
COURSE GRID	390500.0	3729000.0	1.09E-02	1.24E-02	-1.54E-03	4.99E-03	1.24E-02	4.99E-03	1.24E-02	-1.54E-03	-7.45E-03
COURSE GRID	391000.0	3729000.0	1.03E-02	1.25E-02	-2.23E-03	4.69E-03	1.25E-02	4.69E-03	1.25E-02	-2.23E-03	-7.84E-03
COURSE GRID	391500.0	3729000.0	9.79E-03	1.25E-02	-2.70E-03	4.42E-03	1.25E-02	4.42E-03	1.25E-02	-2.70E-03	-8.07E-03
COURSE GRID	392000.0	3729000.0	9.35E-03	1.25E-02	-3.17E-03	4.18E-03	1.25E-02	4.18E-03	1.25E-02	-3.17E-03	-8.34E-03
COURSE GRID	392500.0	3729000.0	8.95E-03	1.26E-02	-3.69E-03	3.97E-03	1.26E-02	3.97E-03	1.26E-02	-3.69E-03	-8.67E-03
COURSE GRID	393000.0	3729000.0	8.60E-03	1.27E-02	-4.05E-03	3.79E-03	1.27E-02	3.79E-03	1.27E-02	-4.05E-03	-8.86E-03
COURSE GRID	393500.0	3729000.0	8.28E-03	1.26E-02	-4.32E-03	3.63E-03	1.26E-02	3.63E-03	1.26E-02	-4.32E-03	-8.97E-03
COURSE GRID	394000.0	3729000.0	6.80E-03	4.20E-03	2.60E-03	2.98E-03	4.20E-03	2.98E-03	4.20E-03	2.60E-03	-1.22E-03
COURSE GRID	394500.0	3729000.0	7.15E-03	4.35E-03	2.80E-03	3.18E-03	4.35E-03	3.18E-03	4.35E-03	2.80E-03	-1.17E-03
COURSE GRID	395000.0	3729000.0	7.53E-03	4.60E-03	2.93E-03	3.40E-03	4.60E-03	3.40E-03	4.60E-03	2.93E-03	-1.20E-03
COURSE GRID	395500.0	3729000.0	7.98E-03	4.59E-03	3.39E-03	3.64E-03	4.59E-03	3.64E-03	4.59E-03	3.39E-03	-9.50E-04
COURSE GRID	396000.0	3729000.0	8.51E-03	4.67E-03	3.84E-03	3.92E-03	4.67E-03	3.92E-03	4.67E-03	3.84E-03	-7.53E-04
COURSE GRID	396500.0	3729000.0	9.10E-03	5.00E-03	4.10E-03	4.24E-03	5.00E-03	4.24E-03	5.00E-03	4.10E-03	-7.60E-04
COURSE GRID	397000.0	3729000.0	9.77E-03	5.32E-03	4.45E-03	4.61E-03	5.32E-03	4.61E-03	5.32E-03	4.45E-03	-7.10E-04
COURSE GRID	397500.0	3729000.0	1.04E-02	5.85E-03	4.55E-03	4.96E-03	5.85E-03	4.96E-03	5.85E-03	4.55E-03	-8.90E-04
COURSE GRID	398000.0	3729000.0	1.12E-02	6.35E-03	4.85E-03	5.30E-03	6.35E-03	5.30E-03	6.35E-03	4.85E-03	-1.05E-03
COURSE GRID	398500.0	3729000.0	1.19E-02	6.85E-03	5.05E-03	5.62E-03	6.85E-03	5.62E-03	6.85E-03	5.05E-03	-1.23E-03
COURSE GRID	399000.0	3729000.0	1.21E-02	7.75E-03	4.35E-03	5.71E-03	7.75E-03	5.71E-03	7.75E-03	4.35E-03	-2.04E-03
COURSE GRID	399500.0	3729000.0	1.28E-02	9.12E-03	3.68E-03	5.97E-03	9.12E-03	5.97E-03	9.12E-03	3.68E-03	-3.15E-03

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	383000.0	3729500.0	1.40E-02	0	1.40E-02	1.21E-02	1.90E-03	6.52E-03	0	6.52E-03	1.21E-02	-5.58E-03
COURSE GRID	383500.0	3729500.0	1.76E-02	0	1.76E-02	1.45E-02	3.10E-03	8.60E-03	0	8.60E-03	1.45E-02	-5.90E-03
COURSE GRID	384000.0	3729500.0	2.45E-02	0	2.45E-02	1.57E-02	8.76E-03	1.24E-02	0	1.24E-02	1.57E-02	-3.34E-03
COURSE GRID	384500.0	3729500.0	3.27E-02	0	3.27E-02	1.68E-02	1.59E-02	1.73E-02	0	1.73E-02	1.68E-02	4.91E-04
COURSE GRID	385000.0	3729500.0	2.99E-02	0	2.99E-02	1.58E-02	1.41E-02	1.67E-02	0	1.67E-02	1.58E-02	8.81E-04
COURSE GRID	385500.0	3729500.0	2.47E-02	0	2.47E-02	1.47E-02	1.00E-02	1.38E-02	0	1.38E-02	1.47E-02	-8.69E-04
COURSE GRID	386000.0	3729500.0	2.10E-02	0	2.10E-02	1.46E-02	6.43E-03	1.07E-02	0	1.07E-02	1.46E-02	-3.87E-03
COURSE GRID	386500.0	3729500.0	1.92E-02	0	1.92E-02	1.34E-02	5.80E-03	9.15E-03	0	9.15E-03	1.34E-02	-4.25E-03
COURSE GRID	387000.0	3729500.0	1.79E-02	0	1.79E-02	1.28E-02	5.07E-03	8.32E-03	0	8.32E-03	1.28E-02	-4.51E-03
COURSE GRID	387500.0	3729500.0	1.68E-02	0	1.68E-02	1.21E-02	4.70E-03	7.87E-03	0	7.87E-03	1.21E-02	-4.23E-03
COURSE GRID	388000.0	3729500.0	1.57E-02	0	1.57E-02	1.19E-02	3.78E-03	7.42E-03	0	7.42E-03	1.19E-02	-4.50E-03
COURSE GRID	388500.0	3729500.0	1.47E-02	0	1.47E-02	1.25E-02	2.20E-03	6.94E-03	0	6.94E-03	1.25E-02	-5.56E-03
COURSE GRID	389000.0	3729500.0	1.37E-02	0	1.37E-02	1.23E-02	1.39E-03	6.48E-03	0	6.48E-03	1.23E-02	-5.83E-03
COURSE GRID	389500.0	3729500.0	1.29E-02	0	1.29E-02	1.24E-02	5.10E-04	6.03E-03	0	6.03E-03	1.24E-02	-6.36E-03
COURSE GRID	390000.0	3729500.0	1.21E-02	0	1.21E-02	1.29E-02	-8.20E-04	5.63E-03	0	5.63E-03	1.29E-02	-7.29E-03
COURSE GRID	390500.0	3729500.0	1.15E-02	0	1.15E-02	1.33E-02	-1.79E-03	5.28E-03	0	5.28E-03	1.33E-02	-8.01E-03
COURSE GRID	391000.0	3729500.0	1.09E-02	0	1.09E-02	1.33E-02	-2.42E-03	4.97E-03	0	4.97E-03	1.33E-02	-8.35E-03
COURSE GRID	391500.0	3729500.0	1.04E-02	0	1.04E-02	1.33E-02	-2.92E-03	4.71E-03	0	4.71E-03	1.33E-02	-8.61E-03
COURSE GRID	392000.0	3729500.0	9.95E-03	0	9.95E-03	1.34E-02	-3.46E-03	4.49E-03	0	4.49E-03	1.34E-02	-8.92E-03
COURSE GRID	392500.0	3729500.0	9.55E-03	0	9.55E-03	1.34E-02	-3.87E-03	4.30E-03	0	4.30E-03	1.34E-02	-9.12E-03
COURSE GRID	393000.0	3729500.0	9.18E-03	0	9.18E-03	1.34E-02	-4.19E-03	4.13E-03	0	4.13E-03	1.34E-02	-9.24E-03
COURSE GRID	393500.0	3729500.0	8.85E-03	0	8.85E-03	1.33E-02	-4.49E-03	3.97E-03	0	3.97E-03	1.33E-02	-9.37E-03
COURSE GRID	377000.0	3730000.0	6.89E-03	0	6.89E-03	4.60E-03	2.29E-03	3.04E-03	0	3.04E-03	4.60E-03	-1.56E-03
COURSE GRID	377500.0	3730000.0	7.23E-03	0	7.23E-03	4.70E-03	2.54E-03	3.23E-03	0	3.23E-03	4.70E-03	-1.46E-03
COURSE GRID	378000.0	3730000.0	7.65E-03	0	7.65E-03	4.87E-03	2.78E-03	3.46E-03	0	3.46E-03	4.87E-03	-1.41E-03
COURSE GRID	378500.0	3730000.0	8.14E-03	0	8.14E-03	5.14E-03	3.00E-03	3.73E-03	0	3.73E-03	5.14E-03	-1.41E-03
COURSE GRID	379000.0	3730000.0	8.71E-03	0	8.71E-03	5.15E-03	3.56E-03	4.05E-03	0	4.05E-03	5.15E-03	-1.10E-03
COURSE GRID	379500.0	3730000.0	9.37E-03	0	9.37E-03	5.38E-03	3.99E-03	4.41E-03	0	4.41E-03	5.38E-03	-9.70E-04
COURSE GRID	380000.0	3730000.0	1.01E-02	0	1.01E-02	5.80E-03	4.30E-03	4.82E-03	0	4.82E-03	5.80E-03	-9.80E-04
COURSE GRID	380500.0	3730000.0	1.10E-02	0	1.10E-02	6.34E-03	4.66E-03	5.26E-03	0	5.26E-03	6.34E-03	-1.08E-03
COURSE GRID	381000.0	3730000.0	1.20E-02	0	1.20E-02	7.00E-03	5.00E-03	5.79E-03	0	5.79E-03	7.00E-03	-1.21E-03
COURSE GRID	381500.0	3730000.0	1.31E-02	0	1.31E-02	7.74E-03	5.36E-03	6.36E-03	0	6.36E-03	7.74E-03	-1.38E-03
COURSE GRID	382000.0	3730000.0	1.41E-02	0	1.41E-02	9.02E-03	5.08E-03	6.80E-03	0	6.80E-03	9.02E-03	-2.22E-03
COURSE GRID	382500.0	3730000.0	1.47E-02	0	1.47E-02	1.11E-02	3.60E-03	7.09E-03	0	7.09E-03	1.11E-02	-4.01E-03
COURSE GRID	383000.0	3730000.0	1.64E-02	0	1.64E-02	1.48E-02	1.57E-03	7.94E-03	0	7.94E-03	1.48E-02	-6.89E-03
COURSE GRID	383500.0	3730000.0	2.14E-02	0	2.14E-02	1.83E-02	3.11E-03	1.07E-02	0	1.07E-02	1.83E-02	-7.59E-03
COURSE GRID	384000.0	3730000.0	3.12E-02	0	3.12E-02	1.91E-02	1.21E-02	1.66E-02	0	1.66E-02	1.91E-02	-2.49E-03
COURSE GRID	384500.0	3730000.0	3.60E-02	0	3.60E-02	1.95E-02	1.65E-02	2.06E-02	0	2.06E-02	1.95E-02	1.13E-03
COURSE GRID	385000.0	3730000.0	3.13E-02	0	3.13E-02	1.73E-02	1.40E-02	1.81E-02	0	1.81E-02	1.73E-02	8.31E-04
COURSE GRID	385500.0	3730000.0	2.78E-02	0	2.78E-02	1.65E-02	1.13E-02	1.43E-02	0	1.43E-02	1.65E-02	-2.18E-03

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION				PROPOSE PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE		
			IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE		
COURSE GRID	386000.0	3730000.0	2.44E-02	0	2.44E-02	1.54E-02	9.02E-03	1.16E-02	0	1.16E-02	1.54E-02	-3.78E-03
COURSE GRID	386500.0	3730000.0	2.20E-02	0	2.20E-02	1.41E-02	7.89E-03	1.04E-02	0	1.04E-02	1.41E-02	-3.71E-03
COURSE GRID	387000.0	3730000.0	2.04E-02	0	2.04E-02	1.33E-02	7.09E-03	9.75E-03	0	9.75E-03	1.33E-02	-3.56E-03
COURSE GRID	387500.0	3730000.0	1.88E-02	0	1.88E-02	1.26E-02	6.20E-03	9.04E-03	0	9.04E-03	1.26E-02	-3.56E-03
COURSE GRID	388000.0	3730000.0	1.74E-02	0	1.74E-02	1.28E-02	4.65E-03	8.31E-03	0	8.31E-03	1.28E-02	-4.44E-03
COURSE GRID	388500.0	3730000.0	1.61E-02	0	1.61E-02	1.30E-02	3.07E-03	7.63E-03	0	7.63E-03	1.30E-02	-5.40E-03
COURSE GRID	389000.0	3730000.0	1.50E-02	0	1.50E-02	1.29E-02	2.11E-03	7.04E-03	0	7.04E-03	1.29E-02	-5.85E-03
COURSE GRID	389500.0	3730000.0	1.40E-02	0	1.40E-02	1.35E-02	5.10E-04	6.55E-03	0	6.55E-03	1.35E-02	-6.94E-03
COURSE GRID	390000.0	3730000.0	1.32E-02	0	1.32E-02	1.39E-02	-7.40E-04	6.15E-03	0	6.15E-03	1.39E-02	-7.79E-03
COURSE GRID	390500.0	3730000.0	1.25E-02	0	1.25E-02	1.42E-02	-1.70E-03	5.81E-03	0	5.81E-03	1.42E-02	-8.39E-03
COURSE GRID	391000.0	3730000.0	1.18E-02	0	1.18E-02	1.44E-02	-2.57E-03	5.52E-03	0	5.52E-03	1.44E-02	-8.85E-03
COURSE GRID	391500.0	3730000.0	1.13E-02	0	1.13E-02	1.44E-02	-3.08E-03	5.26E-03	0	5.26E-03	1.44E-02	-9.12E-03
COURSE GRID	392000.0	3730000.0	1.08E-02	0	1.08E-02	1.43E-02	-3.49E-03	5.03E-03	0	5.03E-03	1.43E-02	-9.26E-03
COURSE GRID	392500.0	3730000.0	1.03E-02	0	1.03E-02	1.43E-02	-3.99E-03	4.81E-03	0	4.81E-03	1.43E-02	-9.48E-03
COURSE GRID	393000.0	3730000.0	9.87E-03	0	9.87E-03	1.43E-02	-4.46E-03	4.61E-03	0	4.61E-03	1.43E-02	-9.72E-03
COURSE GRID	393500.0	3730000.0	9.46E-03	0	9.46E-03	1.45E-02	-5.01E-03	4.42E-03	0	4.42E-03	1.45E-02	-1.00E-02
COURSE GRID	377000.0	3730500.0	7.15E-03	0	7.15E-03	4.67E-03	2.48E-03	3.22E-03	0	3.22E-03	4.67E-03	-1.45E-03
COURSE GRID	377500.0	3730500.0	7.51E-03	0	7.51E-03	5.07E-03	2.44E-03	3.42E-03	0	3.42E-03	5.07E-03	-1.65E-03
COURSE GRID	378000.0	3730500.0	7.93E-03	0	7.93E-03	5.40E-03	2.53E-03	3.64E-03	0	3.64E-03	5.40E-03	-1.76E-03
COURSE GRID	378500.0	3730500.0	8.41E-03	0	8.41E-03	5.58E-03	2.83E-03	3.90E-03	0	3.90E-03	5.58E-03	-1.68E-03
COURSE GRID	379000.0	3730500.0	8.98E-03	0	8.98E-03	5.89E-03	3.09E-03	4.21E-03	0	4.21E-03	5.89E-03	-1.68E-03
COURSE GRID	379500.0	3730500.0	9.68E-03	0	9.68E-03	5.95E-03	3.73E-03	4.57E-03	0	4.57E-03	5.95E-03	-1.38E-03
COURSE GRID	380000.0	3730500.0	9.97E-03	0	9.97E-03	5.72E-03	4.25E-03	4.75E-03	0	4.75E-03	5.72E-03	-9.70E-04
COURSE GRID	380500.0	3730500.0	1.10E-02	0	1.10E-02	6.00E-03	5.00E-03	5.26E-03	0	5.26E-03	6.00E-03	-7.40E-04
COURSE GRID	381000.0	3730500.0	1.28E-02	0	1.28E-02	7.94E-03	4.86E-03	6.22E-03	0	6.22E-03	7.94E-03	-1.72E-03
COURSE GRID	381500.0	3730500.0	1.41E-02	0	1.41E-02	8.93E-03	5.17E-03	6.93E-03	0	6.93E-03	8.93E-03	-2.00E-03
COURSE GRID	382000.0	3730500.0	1.59E-02	0	1.59E-02	1.08E-02	5.11E-03	7.84E-03	0	7.84E-03	1.08E-02	-2.95E-03
COURSE GRID	382500.0	3730500.0	1.76E-02	0	1.76E-02	1.44E-02	3.21E-03	8.75E-03	0	8.75E-03	1.44E-02	-5.64E-03
COURSE GRID	383000.0	3730500.0	2.00E-02	0	2.00E-02	1.96E-02	3.91E-04	1.01E-02	0	1.01E-02	1.96E-02	-9.51E-03
COURSE GRID	383500.0	3730500.0	2.91E-02	0	2.91E-02	2.41E-02	5.02E-03	1.54E-02	0	1.54E-02	2.41E-02	-8.68E-03
COURSE GRID	384000.0	3730500.0	3.70E-02	0	3.70E-02	2.29E-02	1.41E-02	2.12E-02	0	2.12E-02	2.29E-02	-1.74E-03
COURSE GRID	384500.0	3730500.0	3.77E-02	0	3.77E-02	2.22E-02	1.55E-02	2.33E-02	0	2.33E-02	2.22E-02	1.10E-03
COURSE GRID	385000.0	3730500.0	4.11E-02	0	4.11E-02	2.03E-02	2.08E-02	2.22E-02	0	2.22E-02	2.03E-02	1.86E-03
COURSE GRID	385500.0	3730500.0	3.32E-02	0	3.32E-02	1.79E-02	1.53E-02	1.62E-02	0	1.62E-02	1.79E-02	-1.68E-03
COURSE GRID	386000.0	3730500.0	2.93E-02	0	2.93E-02	1.64E-02	1.29E-02	1.43E-02	0	1.43E-02	1.64E-02	-2.08E-03
COURSE GRID	386500.0	3730500.0	2.62E-02	0	2.62E-02	1.47E-02	1.15E-02	1.28E-02	0	1.28E-02	1.47E-02	-1.89E-03
COURSE GRID	387000.0	3730500.0	2.34E-02	0	2.34E-02	1.40E-02	9.44E-03	1.14E-02	0	1.14E-02	1.40E-02	-2.56E-03
COURSE GRID	387500.0	3730500.0	2.11E-02	0	2.11E-02	1.34E-02	7.71E-03	1.02E-02	0	1.02E-02	1.34E-02	-3.19E-03
COURSE GRID	388000.0	3730500.0	1.92E-02	0	1.92E-02	1.35E-02	5.67E-03	9.30E-03	0	9.30E-03	1.35E-02	-4.23E-03
COURSE GRID	388500.0	3730500.0	1.77E-02	0	1.77E-02	1.38E-02	3.94E-03	8.59E-03	0	8.59E-03	1.38E-02	-5.17E-03

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION				PROPOSE PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	389000.0	3730500.0	1.65E-02	0	1.65E-02	1.40E-02	2.47E-03	8.02E-03	1.40E-02	8.02E-03	1.40E-02	-6.01E-03
COURSE GRID	389500.0	3730500.0	1.54E-02	0	1.54E-02	1.47E-02	7.50E-04	7.52E-03	1.47E-02	7.52E-03	1.47E-02	-7.13E-03
COURSE GRID	390000.0	3730500.0	1.45E-02	0	1.45E-02	1.51E-02	-5.90E-04	7.06E-03	1.51E-02	7.06E-03	1.51E-02	-8.03E-03
COURSE GRID	390500.0	3730500.0	1.36E-02	0	1.36E-02	1.56E-02	-2.00E-03	6.65E-03	1.56E-02	6.65E-03	1.56E-02	-8.95E-03
COURSE GRID	391000.0	3730500.0	1.28E-02	0	1.28E-02	1.56E-02	-2.76E-03	6.26E-03	1.56E-02	6.26E-03	1.56E-02	-9.30E-03
COURSE GRID	391500.0	3730500.0	1.21E-02	0	1.21E-02	1.53E-02	-3.24E-03	5.91E-03	1.53E-02	5.91E-03	1.53E-02	-9.43E-03
COURSE GRID	392000.0	3730500.0	1.15E-02	0	1.15E-02	1.53E-02	-3.76E-03	5.58E-03	1.53E-02	5.58E-03	1.53E-02	-9.68E-03
COURSE GRID	392500.0	3730500.0	1.09E-02	0	1.09E-02	1.54E-02	-4.48E-03	5.28E-03	1.54E-02	5.28E-03	1.54E-02	-1.01E-02
COURSE GRID	393000.0	3730500.0	1.04E-02	0	1.04E-02	1.56E-02	-5.15E-03	5.00E-03	1.56E-02	5.00E-03	1.56E-02	-1.05E-02
COURSE GRID	393500.0	3730500.0	9.86E-03	0	9.86E-03	1.55E-02	-5.67E-03	4.74E-03	1.55E-02	4.74E-03	1.55E-02	-1.08E-02
COURSE GRID	377000.0	3731000.0	7.36E-03	0	7.36E-03	4.99E-03	2.37E-03	3.38E-03	4.99E-03	3.38E-03	4.99E-03	-1.61E-03
COURSE GRID	377500.0	3731000.0	7.77E-03	0	7.77E-03	5.29E-03	2.48E-03	3.61E-03	5.29E-03	3.61E-03	5.29E-03	-1.68E-03
COURSE GRID	378000.0	3731000.0	8.24E-03	0	8.24E-03	5.69E-03	2.55E-03	3.87E-03	5.69E-03	3.87E-03	5.69E-03	-1.82E-03
COURSE GRID	378500.0	3731000.0	8.79E-03	0	8.79E-03	6.38E-03	2.41E-03	4.16E-03	6.38E-03	4.16E-03	6.38E-03	-2.22E-03
COURSE GRID	379000.0	3731000.0	9.22E-03	0	9.22E-03	6.50E-03	2.72E-03	4.43E-03	6.50E-03	4.43E-03	6.50E-03	-2.07E-03
COURSE GRID	379500.0	3731000.0	9.54E-03	0	9.54E-03	5.96E-03	3.58E-03	4.57E-03	5.96E-03	4.57E-03	5.96E-03	-1.39E-03
COURSE GRID	380000.0	3731000.0	9.88E-03	0	9.88E-03	4.83E-03	5.05E-03	4.75E-03	4.83E-03	4.75E-03	4.83E-03	-7.57E-05
COURSE GRID	380500.0	3731000.0	1.16E-02	0	1.16E-02	6.80E-03	4.80E-03	5.63E-03	6.80E-03	5.63E-03	6.80E-03	-1.17E-03
COURSE GRID	381000.0	3731000.0	1.35E-02	0	1.35E-02	9.17E-03	4.33E-03	6.66E-03	9.17E-03	6.66E-03	9.17E-03	-2.51E-03
COURSE GRID	381500.0	3731000.0	1.54E-02	0	1.54E-02	1.06E-02	4.79E-03	7.58E-03	1.06E-02	7.58E-03	1.06E-02	-3.03E-03
COURSE GRID	382000.0	3731000.0	1.77E-02	0	1.77E-02	1.34E-02	4.31E-03	8.79E-03	1.34E-02	8.79E-03	1.34E-02	-4.60E-03
COURSE GRID	382500.0	3731000.0	2.09E-02	0	2.09E-02	2.04E-02	4.61E-04	1.05E-02	2.04E-02	1.05E-02	2.04E-02	-9.94E-03
COURSE GRID	383000.0	3731000.0	2.60E-02	0	2.60E-02	2.99E-02	-3.87E-03	1.33E-02	2.99E-02	1.33E-02	2.99E-02	-1.66E-02
COURSE GRID	383500.0	3731000.0	2.83E-02	0	2.83E-02	2.96E-02	-1.28E-03	1.68E-02	2.96E-02	1.68E-02	2.96E-02	-1.28E-02
COURSE GRID	384000.0	3731000.0	5.46E-02	0	5.46E-02	3.00E-02	2.46E-02	3.01E-02	3.00E-02	3.01E-02	3.00E-02	1.21E-04
COURSE GRID	384500.0	3731000.0	6.09E-02	0	6.09E-02	2.71E-02	3.38E-02	3.18E-02	2.71E-02	3.18E-02	2.71E-02	4.71E-03
COURSE GRID	385000.0	3731000.0	5.06E-02	0	5.06E-02	2.24E-02	2.82E-02	2.55E-02	2.24E-02	2.55E-02	2.24E-02	3.11E-03
COURSE GRID	385500.0	3731000.0	4.20E-02	0	4.20E-02	1.97E-02	2.23E-02	2.14E-02	1.97E-02	2.14E-02	1.97E-02	1.73E-03
COURSE GRID	386000.0	3731000.0	3.48E-02	0	3.48E-02	1.72E-02	1.76E-02	1.78E-02	1.72E-02	1.78E-02	1.72E-02	6.11E-04
COURSE GRID	386500.0	3731000.0	3.02E-02	0	3.02E-02	1.54E-02	1.48E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02	-1.95E-05
COURSE GRID	387000.0	3731000.0	2.69E-02	0	2.69E-02	1.48E-02	1.21E-02	1.37E-02	1.48E-02	1.37E-02	1.48E-02	-1.06E-03
COURSE GRID	387500.0	3731000.0	2.41E-02	0	2.41E-02	1.43E-02	9.85E-03	1.24E-02	1.43E-02	1.24E-02	1.43E-02	-1.85E-03
COURSE GRID	388000.0	3731000.0	2.18E-02	0	2.18E-02	1.44E-02	7.39E-03	1.12E-02	1.44E-02	1.12E-02	1.44E-02	-3.21E-03
COURSE GRID	388500.0	3731000.0	1.99E-02	0	1.99E-02	1.49E-02	5.05E-03	1.01E-02	1.49E-02	1.01E-02	1.49E-02	-4.75E-03
COURSE GRID	389000.0	3731000.0	1.82E-02	0	1.82E-02	1.55E-02	4.90E-04	9.24E-03	1.55E-02	9.24E-03	1.55E-02	-6.23E-03
COURSE GRID	389500.0	3731000.0	1.67E-02	0	1.67E-02	1.62E-02	4.90E-04	8.47E-03	1.62E-02	8.47E-03	1.62E-02	-7.74E-03
COURSE GRID	390000.0	3731000.0	1.55E-02	0	1.55E-02	1.68E-02	-1.26E-03	7.81E-03	1.68E-02	7.81E-03	1.68E-02	-8.95E-03
COURSE GRID	390500.0	3731000.0	1.44E-02	0	1.44E-02	1.72E-02	-2.84E-03	7.22E-03	1.72E-02	7.22E-03	1.72E-02	-1.00E-02
COURSE GRID	391000.0	3731000.0	1.34E-02	0	1.34E-02	1.67E-02	-3.34E-03	6.71E-03	1.67E-02	6.71E-03	1.67E-02	-1.00E-02
COURSE GRID	391500.0	3731000.0	1.26E-02	0	1.26E-02	1.65E-02	-3.89E-03	6.25E-03	1.65E-02	6.25E-03	1.65E-02	-1.02E-02

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE
COURSE GRID	392000.0	3731000.0	1.18E-02	0	1.18E-02	1.66E-02	-4.83E-03	5.85E-03	1.66E-02	1.66E-02	-1.08E-02
COURSE GRID	392500.0	3731000.0	1.12E-02	0	1.12E-02	1.68E-02	-5.55E-03	5.49E-03	1.68E-02	1.68E-02	-1.13E-02
COURSE GRID	393000.0	3731000.0	1.06E-02	0	1.06E-02	1.66E-02	-6.00E-03	5.17E-03	1.66E-02	1.66E-02	-1.14E-02
COURSE GRID	393500.0	3731000.0	1.00E-02	0	1.00E-02	1.64E-02	-6.39E-03	4.88E-03	1.64E-02	1.64E-02	-1.15E-02
COURSE GRID	377000.0	3731500.0	7.56E-03	0	7.56E-03	5.17E-03	2.40E-03	3.53E-03	5.17E-03	5.17E-03	-1.63E-03
COURSE GRID	377500.0	3731500.0	8.02E-03	0	8.02E-03	5.65E-03	2.37E-03	3.78E-03	5.65E-03	5.65E-03	-1.87E-03
COURSE GRID	378000.0	3731500.0	7.98E-03	0	7.98E-03	5.44E-03	2.54E-03	3.80E-03	5.44E-03	5.44E-03	-1.64E-03
COURSE GRID	378500.0	3731500.0	8.53E-03	0	8.53E-03	5.62E-03	2.91E-03	4.08E-03	5.62E-03	5.62E-03	-1.54E-03
COURSE GRID	379000.0	3731500.0	8.65E-03	0	8.65E-03	5.75E-03	2.90E-03	4.19E-03	5.75E-03	5.75E-03	-1.56E-03
COURSE GRID	379500.0	3731500.0	1.00E-02	0	1.00E-02	6.31E-03	3.69E-03	4.84E-03	6.31E-03	6.31E-03	-1.47E-03
COURSE GRID	380000.0	3731500.0	1.11E-02	0	1.11E-02	6.44E-03	4.66E-03	5.34E-03	6.44E-03	6.44E-03	-1.10E-03
COURSE GRID	380500.0	3731500.0	1.28E-02	0	1.28E-02	8.60E-03	4.20E-03	6.35E-03	8.60E-03	8.60E-03	-2.25E-03
COURSE GRID	381000.0	3731500.0	1.49E-02	0	1.49E-02	1.06E-02	4.27E-03	7.50E-03	1.06E-02	1.06E-02	-3.13E-03
COURSE GRID	381500.0	3731500.0	1.70E-02	0	1.70E-02	1.32E-02	3.82E-03	8.58E-03	1.32E-02	1.32E-02	-4.60E-03
COURSE GRID	382000.0	3731500.0	1.93E-02	0	1.93E-02	1.78E-02	1.53E-03	9.97E-03	1.78E-02	1.78E-02	-7.80E-03
COURSE GRID	382500.0	3731500.0	2.28E-02	0	2.28E-02	2.94E-02	-6.63E-03	1.20E-02	2.94E-02	2.94E-02	-1.74E-02
COURSE GRID	383000.0	3731500.0	2.82E-02	0	2.82E-02	3.63E-02	-8.11E-03	1.49E-02	3.63E-02	3.63E-02	-2.14E-02
COURSE GRID	384500.0	3731500.0	5.30E-02	0	5.30E-02	2.67E-02	2.63E-02	2.78E-02	2.67E-02	2.67E-02	1.09E-03
COURSE GRID	385000.0	3731500.0	5.20E-02	0	5.20E-02	2.31E-02	2.89E-02	2.86E-02	2.31E-02	2.31E-02	5.52E-03
COURSE GRID	385500.0	3731500.0	4.67E-02	0	4.67E-02	2.04E-02	2.63E-02	2.56E-02	2.04E-02	2.04E-02	5.22E-03
COURSE GRID	386000.0	3731500.0	4.06E-02	0	4.06E-02	1.78E-02	2.29E-02	2.19E-02	1.78E-02	1.78E-02	4.15E-03
COURSE GRID	386500.0	3731500.0	3.49E-02	0	3.49E-02	1.63E-02	1.86E-02	1.86E-02	1.63E-02	1.63E-02	2.32E-03
COURSE GRID	387000.0	3731500.0	3.02E-02	0	3.02E-02	1.58E-02	1.44E-02	1.59E-02	1.58E-02	1.58E-02	8.04E-05
COURSE GRID	387500.0	3731500.0	2.64E-02	0	2.64E-02	1.51E-02	1.13E-02	1.38E-02	1.51E-02	1.51E-02	-1.27E-03
COURSE GRID	388000.0	3731500.0	2.34E-02	0	2.34E-02	1.59E-02	7.47E-03	1.21E-02	1.59E-02	1.59E-02	-3.83E-03
COURSE GRID	388500.0	3731500.0	2.10E-02	0	2.10E-02	1.64E-02	4.60E-03	1.08E-02	1.64E-02	1.64E-02	-5.60E-03
COURSE GRID	389000.0	3731500.0	1.91E-02	0	1.91E-02	1.75E-02	1.61E-03	9.74E-03	1.75E-02	1.75E-02	-7.75E-03
COURSE GRID	389500.0	3731500.0	1.74E-02	0	1.74E-02	1.83E-02	-9.40E-04	8.84E-03	1.83E-02	1.83E-02	-9.50E-03
COURSE GRID	390000.0	3731500.0	1.60E-02	0	1.60E-02	1.90E-02	-3.00E-03	8.09E-03	1.90E-02	1.90E-02	-1.09E-02
COURSE GRID	390500.0	3731500.0	1.48E-02	0	1.48E-02	1.90E-02	-4.22E-03	7.44E-03	1.90E-02	1.90E-02	-1.16E-02
COURSE GRID	391000.0	3731500.0	1.37E-02	0	1.37E-02	1.82E-02	-4.50E-03	6.88E-03	1.82E-02	1.82E-02	-1.13E-02
COURSE GRID	391500.0	3731500.0	1.28E-02	0	1.28E-02	1.83E-02	-5.49E-03	6.39E-03	1.83E-02	1.83E-02	-1.19E-02
COURSE GRID	392000.0	3731500.0	1.20E-02	0	1.20E-02	1.81E-02	-6.09E-03	5.96E-03	1.81E-02	1.81E-02	-1.21E-02
COURSE GRID	392500.0	3731500.0	1.13E-02	0	1.13E-02	1.79E-02	-6.57E-03	5.58E-03	1.79E-02	1.79E-02	-1.23E-02
COURSE GRID	393000.0	3731500.0	1.07E-02	0	1.07E-02	1.76E-02	-6.89E-03	5.24E-03	1.76E-02	1.76E-02	-1.24E-02
COURSE GRID	393500.0	3731500.0	1.01E-02	0	1.01E-02	1.73E-02	-7.24E-03	4.94E-03	1.73E-02	1.73E-02	-1.05E-02
COURSE GRID	377000.0	3732000.0	7.19E-03	0	7.19E-03	4.42E-03	2.77E-03	3.37E-03	4.42E-03	4.42E-03	-1.49E-03
COURSE GRID	377500.0	3732000.0	7.66E-03	0	7.66E-03	5.12E-03	2.55E-03	3.62E-03	5.12E-03	5.12E-03	-1.28E-03
COURSE GRID	378000.0	3732000.0	7.98E-03	0	7.98E-03	5.08E-03	2.90E-03	3.80E-03	5.08E-03	5.08E-03	-1.28E-03
COURSE GRID	378500.0	3732000.0	7.96E-03	0	7.96E-03	5.02E-03	2.94E-03	3.91E-03	5.02E-03	5.02E-03	-1.11E-03

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	379000.0	3732000.0	9.06E-03	0	9.06E-03	5.79E-03	3.27E-03	4.43E-03	0	4.43E-03	5.79E-03	-1.36E-03
COURSE GRID	379500.0	3732000.0	1.04E-02	0	1.04E-02	7.23E-03	3.17E-03	5.06E-03	0	5.06E-03	7.23E-03	-2.17E-03
COURSE GRID	380000.0	3732000.0	1.16E-02	0	1.16E-02	7.63E-03	3.97E-03	5.68E-03	0	5.68E-03	7.63E-03	-1.95E-03
COURSE GRID	380500.0	3732000.0	1.33E-02	0	1.33E-02	1.01E-02	3.16E-03	6.75E-03	0	6.75E-03	1.01E-02	-3.39E-03
COURSE GRID	381000.0	3732000.0	1.49E-02	0	1.49E-02	1.22E-02	2.69E-03	7.79E-03	0	7.79E-03	1.22E-02	-4.42E-03
COURSE GRID	381500.0	3732000.0	1.72E-02	0	1.72E-02	1.64E-02	7.91E-04	9.15E-03	0	9.15E-03	1.64E-02	-7.26E-03
COURSE GRID	382000.0	3732000.0	1.89E-02	0	1.89E-02	2.41E-02	-5.21E-03	1.04E-02	0	1.04E-02	2.41E-02	-1.37E-02
COURSE GRID	382500.0	3732000.0	2.14E-02	0	2.14E-02	4.05E-02	-1.91E-02	1.19E-02	0	1.19E-02	4.05E-02	-2.86E-02
COURSE GRID	383000.0	3732000.0	2.65E-02	0	2.65E-02	4.55E-02	-1.90E-02	1.48E-02	0	1.48E-02	4.55E-02	-3.07E-02
COURSE GRID	383500.0	3732000.0	4.62E-02	0	4.62E-02	3.85E-02	7.70E-03	2.61E-02	0	2.61E-02	3.85E-02	-1.24E-02
COURSE GRID	384000.0	3732000.0	7.30E-02	0	7.30E-02	3.05E-02	4.25E-02	4.40E-02	0	4.40E-02	3.05E-02	1.35E-02
COURSE GRID	384500.0	3732000.0	6.45E-02	0	6.45E-02	2.64E-02	3.81E-02	4.05E-02	0	4.05E-02	2.64E-02	1.41E-02
COURSE GRID	385000.0	3732000.0	5.66E-02	0	5.66E-02	2.33E-02	3.33E-02	3.56E-02	0	3.56E-02	2.33E-02	1.23E-02
COURSE GRID	385500.0	3732000.0	4.96E-02	0	4.96E-02	2.06E-02	2.90E-02	3.00E-02	0	3.00E-02	2.06E-02	9.41E-03
COURSE GRID	386000.0	3732000.0	4.26E-02	0	4.26E-02	1.84E-02	2.42E-02	2.46E-02	0	2.46E-02	1.84E-02	6.23E-03
COURSE GRID	386500.0	3732000.0	3.73E-02	0	3.73E-02	1.74E-02	1.99E-02	2.07E-02	0	2.07E-02	1.74E-02	3.27E-03
COURSE GRID	387000.0	3732000.0	3.27E-02	0	3.27E-02	1.70E-02	1.57E-02	1.77E-02	0	1.77E-02	1.70E-02	6.70E-04
COURSE GRID	387500.0	3732000.0	2.87E-02	0	2.87E-02	1.67E-02	1.20E-02	1.53E-02	0	1.53E-02	1.67E-02	-1.42E-03
COURSE GRID	388000.0	3732000.0	2.53E-02	0	2.53E-02	1.79E-02	7.41E-03	1.33E-02	0	1.33E-02	1.79E-02	-4.59E-03
COURSE GRID	388500.0	3732000.0	2.25E-02	0	2.25E-02	1.88E-02	3.73E-03	1.17E-02	0	1.17E-02	1.88E-02	-7.07E-03
COURSE GRID	389000.0	3732000.0	2.02E-02	0	2.02E-02	2.02E-02	-9.78E-06	1.04E-02	0	1.04E-02	2.02E-02	-9.81E-03
COURSE GRID	389500.0	3732000.0	1.83E-02	0	1.83E-02	2.13E-02	-2.98E-03	9.38E-03	0	9.38E-03	2.13E-02	-1.19E-02
COURSE GRID	390000.0	3732000.0	1.67E-02	0	1.67E-02	2.13E-02	-4.55E-03	8.52E-03	0	8.52E-03	2.13E-02	-1.27E-02
COURSE GRID	390500.0	3732000.0	1.54E-02	0	1.54E-02	2.25E-02	-7.07E-03	7.79E-03	0	7.79E-03	2.25E-02	-1.47E-02
COURSE GRID	391000.0	3732000.0	1.43E-02	0	1.43E-02	2.09E-02	-6.59E-03	7.17E-03	0	7.17E-03	2.09E-02	-1.37E-02
COURSE GRID	391500.0	3732000.0	1.33E-02	0	1.33E-02	2.01E-02	-6.82E-03	6.63E-03	0	6.63E-03	2.01E-02	-1.36E-02
COURSE GRID	392000.0	3732000.0	1.24E-02	0	1.24E-02	1.95E-02	-7.13E-03	6.16E-03	0	6.16E-03	1.95E-02	-1.34E-02
COURSE GRID	392500.0	3732000.0	1.16E-02	0	1.16E-02	1.91E-02	-7.53E-03	5.75E-03	0	5.75E-03	1.91E-02	-1.34E-02
COURSE GRID	393000.0	3732000.0	1.09E-02	0	1.09E-02	1.88E-02	-7.92E-03	5.38E-03	0	5.38E-03	1.88E-02	-1.34E-02
COURSE GRID	393500.0	3732000.0	1.03E-02	0	1.03E-02	1.85E-02	-8.18E-03	5.06E-03	0	5.06E-03	1.85E-02	-1.34E-02
COURSE GRID	377000.0	3732500.0	7.03E-03	0	7.03E-03	4.38E-03	2.65E-03	3.33E-03	0	3.33E-03	4.38E-03	-1.05E-03
COURSE GRID	377500.0	3732500.0	7.13E-03	0	7.13E-03	4.24E-03	2.89E-03	3.47E-03	0	3.47E-03	4.24E-03	-7.69E-04
COURSE GRID	378000.0	3732500.0	7.37E-03	0	7.37E-03	4.34E-03	3.03E-03	3.68E-03	0	3.68E-03	4.34E-03	-6.64E-04
COURSE GRID	378500.0	3732500.0	7.86E-03	0	7.86E-03	4.69E-03	3.17E-03	4.02E-03	0	4.02E-03	4.69E-03	-6.73E-04
COURSE GRID	379000.0	3732500.0	9.18E-03	0	9.18E-03	6.19E-03	2.99E-03	4.67E-03	0	4.67E-03	6.19E-03	-1.52E-03
COURSE GRID	379500.0	3732500.0	1.07E-02	0	1.07E-02	7.92E-03	2.78E-03	5.46E-03	0	5.46E-03	7.92E-03	-2.46E-03
COURSE GRID	380000.0	3732500.0	1.21E-02	0	1.21E-02	1.08E-02	1.28E-03	6.29E-03	0	6.29E-03	1.08E-02	-4.53E-03
COURSE GRID	380500.0	3732500.0	1.32E-02	0	1.32E-02	1.44E-02	-1.22E-03	7.05E-03	0	7.05E-03	1.44E-02	-7.37E-03
COURSE GRID	381000.0	3732500.0	1.42E-02	0	1.42E-02	1.65E-02	-2.25E-03	7.70E-03	0	7.70E-03	1.65E-02	-8.75E-03
COURSE GRID	381500.0	3732500.0	1.53E-02	0	1.53E-02	2.04E-02	-5.05E-03	8.28E-03	0	8.28E-03	2.04E-02	-1.21E-02

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION				PROPOSE PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	382000.0	3732500.0	1.61E-02	0	1.61E-02	3.24E-02	-1.63E-02	8.89E-03	0	8.89E-03	3.24E-02	-2.35E-02
COURSE GRID	382500.0	3732500.0	1.76E-02	0	1.76E-02	6.14E-02	-4.38E-02	9.79E-03	0	9.79E-03	6.14E-02	-5.16E-02
COURSE GRID	383000.0	3732500.0	2.13E-02	0	2.13E-02	5.27E-02	-3.14E-02	1.18E-02	0	1.18E-02	5.27E-02	-4.09E-02
COURSE GRID	383500.0	3732500.0	2.79E-02	0	2.79E-02	3.71E-02	-9.15E-03	1.57E-02	0	1.57E-02	3.71E-02	-2.13E-02
COURSE GRID	384000.0	3732500.0	3.67E-02	0	3.67E-02	2.80E-02	8.72E-03	2.12E-02	0	2.12E-02	2.80E-02	-6.78E-03
COURSE GRID	384500.0	3732500.0	4.43E-02	0	4.43E-02	2.49E-02	1.94E-02	2.63E-02	0	2.63E-02	2.49E-02	1.42E-03
COURSE GRID	385000.0	3732500.0	5.06E-02	0	5.06E-02	2.34E-02	2.72E-02	3.09E-02	0	3.09E-02	2.34E-02	7.46E-03
COURSE GRID	385500.0	3732500.0	4.89E-02	0	4.89E-02	2.13E-02	2.76E-02	2.99E-02	0	2.99E-02	2.13E-02	8.58E-03
COURSE GRID	386000.0	3732500.0	4.55E-02	0	4.55E-02	1.97E-02	2.58E-02	2.79E-02	0	2.79E-02	1.97E-02	8.16E-03
COURSE GRID	386500.0	3732500.0	4.06E-02	0	4.06E-02	1.88E-02	2.18E-02	2.43E-02	0	2.43E-02	1.88E-02	5.51E-03
COURSE GRID	387000.0	3732500.0	3.55E-02	0	3.55E-02	1.86E-02	1.69E-02	2.05E-02	0	2.05E-02	1.86E-02	1.86E-03
COURSE GRID	387500.0	3732500.0	3.13E-02	0	3.13E-02	1.88E-02	1.25E-02	1.75E-02	0	1.75E-02	1.88E-02	-1.29E-03
COURSE GRID	388000.0	3732500.0	2.78E-02	0	2.78E-02	2.04E-02	7.40E-03	1.51E-02	0	1.51E-02	2.04E-02	-5.30E-03
COURSE GRID	388500.0	3732500.0	2.47E-02	0	2.47E-02	2.21E-02	2.63E-03	1.32E-02	0	1.32E-02	2.21E-02	-8.87E-03
COURSE GRID	389000.0	3732500.0	2.21E-02	0	2.21E-02	2.38E-02	-1.70E-03	1.17E-02	0	1.17E-02	2.38E-02	-1.21E-02
COURSE GRID	389500.0	3732500.0	1.99E-02	0	1.99E-02	2.38E-02	-3.91E-03	1.04E-02	0	1.04E-02	2.38E-02	-1.34E-02
COURSE GRID	390000.0	3732500.0	1.80E-02	0	1.80E-02	2.59E-02	-7.94E-03	9.33E-03	0	9.33E-03	2.59E-02	-1.66E-02
COURSE GRID	390500.0	3732500.0	1.64E-02	0	1.64E-02	2.45E-02	-8.10E-03	8.46E-03	0	8.46E-03	2.45E-02	-1.60E-02
COURSE GRID	391000.0	3732500.0	1.51E-02	0	1.51E-02	2.31E-02	-7.97E-03	7.73E-03	0	7.73E-03	2.31E-02	-1.53E-02
COURSE GRID	391500.0	3732500.0	1.40E-02	0	1.40E-02	2.21E-02	-8.08E-03	7.11E-03	0	7.11E-03	2.21E-02	-1.50E-02
COURSE GRID	392000.0	3732500.0	1.30E-02	0	1.30E-02	2.13E-02	-8.31E-03	6.57E-03	0	6.57E-03	2.13E-02	-1.47E-02
COURSE GRID	392500.0	3732500.0	1.22E-02	0	1.22E-02	2.08E-02	-8.60E-03	6.10E-03	0	6.10E-03	2.08E-02	-1.47E-02
COURSE GRID	393000.0	3732500.0	1.14E-02	0	1.14E-02	2.02E-02	-8.83E-03	5.69E-03	0	5.69E-03	2.02E-02	-1.45E-02
COURSE GRID	393500.0	3732500.0	1.07E-02	0	1.07E-02	1.94E-02	-8.65E-03	5.32E-03	0	5.32E-03	1.94E-02	-1.40E-02
COURSE GRID	377000.0	3733000.0	6.24E-03	0	6.24E-03	3.23E-03	3.01E-03	3.20E-03	0	3.20E-03	3.23E-03	-3.06E-05
COURSE GRID	377500.0	3733000.0	6.44E-03	0	6.44E-03	3.57E-03	2.87E-03	3.39E-03	0	3.39E-03	3.57E-03	-1.83E-04
COURSE GRID	378000.0	3733000.0	6.94E-03	0	6.94E-03	4.15E-03	2.79E-03	3.69E-03	0	3.69E-03	4.15E-03	-4.59E-04
COURSE GRID	378500.0	3733000.0	8.34E-03	0	8.34E-03	5.77E-03	2.57E-03	4.30E-03	0	4.30E-03	5.77E-03	-1.47E-03
COURSE GRID	379000.0	3733000.0	9.28E-03	0	9.28E-03	7.23E-03	2.05E-03	4.75E-03	0	4.75E-03	7.23E-03	-2.48E-03
COURSE GRID	379500.0	3733000.0	1.01E-02	0	1.01E-02	9.10E-03	1.00E-03	5.19E-03	0	5.19E-03	9.10E-03	-3.91E-03
COURSE GRID	380000.0	3733000.0	1.09E-02	0	1.09E-02	1.26E-02	-1.71E-03	5.66E-03	0	5.66E-03	1.26E-02	-6.95E-03
COURSE GRID	380500.0	3733000.0	1.16E-02	0	1.16E-02	1.75E-02	-5.91E-03	6.12E-03	0	6.12E-03	1.75E-02	-1.14E-02
COURSE GRID	381000.0	3733000.0	1.22E-02	0	1.22E-02	2.40E-02	-1.18E-02	6.49E-03	0	6.49E-03	2.40E-02	-1.75E-02
COURSE GRID	381500.0	3733000.0	1.29E-02	0	1.29E-02	2.83E-02	-1.54E-02	6.98E-03	0	6.98E-03	2.83E-02	-2.13E-02
COURSE GRID	382000.0	3733000.0	1.37E-02	0	1.37E-02	4.51E-02	-3.14E-02	7.38E-03	0	7.38E-03	4.51E-02	-3.77E-02
COURSE GRID	382500.0	3733000.0	1.51E-02	0	1.51E-02	9.68E-02	-8.17E-02	8.21E-03	0	8.21E-03	9.68E-02	-8.86E-02
COURSE GRID	383000.0	3733000.0	1.70E-02	0	1.70E-02	5.31E-02	-3.61E-02	9.20E-03	0	9.20E-03	5.31E-02	-4.39E-02
COURSE GRID	383500.0	3733000.0	2.03E-02	0	2.03E-02	3.02E-02	-9.94E-03	1.13E-02	0	1.13E-02	3.02E-02	-1.89E-02
COURSE GRID	384000.0	3733000.0	2.50E-02	0	2.50E-02	2.62E-02	-1.24E-03	1.40E-02	0	1.40E-02	2.62E-02	-1.22E-02
COURSE GRID	384500.0	3733000.0	2.93E-02	0	2.93E-02	2.60E-02	3.33E-03	1.68E-02	0	1.68E-02	2.60E-02	-9.17E-03

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION				PROPOSE PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	385000.0	3733000.0	3.31E-02	0	3.31E-02	2.47E-02	8.44E-03	1.93E-02	0	1.93E-02	2.47E-02	2.47E-02	-5.36E-03
COURSE GRID	385500.0	3733000.0	3.72E-02	0	3.72E-02	2.26E-02	1.46E-02	2.21E-02	0	2.21E-02	2.26E-02	2.26E-02	-4.80E-04
COURSE GRID	386000.0	3733000.0	3.91E-02	0	3.91E-02	2.10E-02	1.81E-02	2.33E-02	0	2.33E-02	2.10E-02	2.10E-02	2.31E-03
COURSE GRID	386500.0	3733000.0	3.89E-02	0	3.89E-02	2.04E-02	1.85E-02	2.33E-02	0	2.33E-02	2.04E-02	2.04E-02	2.90E-03
COURSE GRID	387000.0	3733000.0	3.66E-02	0	3.66E-02	2.09E-02	1.57E-02	2.19E-02	0	2.19E-02	2.09E-02	2.09E-02	1.04E-03
COURSE GRID	387500.0	3733000.0	3.33E-02	0	3.33E-02	2.18E-02	1.15E-02	1.96E-02	0	1.96E-02	2.18E-02	2.18E-02	-2.16E-03
COURSE GRID	388000.0	3733000.0	2.99E-02	0	2.99E-02	2.41E-02	5.79E-03	1.71E-02	0	1.71E-02	2.41E-02	2.41E-02	-7.01E-03
COURSE GRID	388500.0	3733000.0	2.67E-02	0	2.67E-02	2.68E-02	-6.98E-05	1.49E-02	0	1.49E-02	2.68E-02	2.68E-02	-1.19E-02
COURSE GRID	389000.0	3733000.0	2.40E-02	0	2.40E-02	2.64E-02	-2.35E-03	1.31E-02	0	1.31E-02	2.64E-02	2.64E-02	-1.32E-02
COURSE GRID	389500.0	3733000.0	2.16E-02	0	2.16E-02	2.84E-02	-6.79E-03	1.16E-02	0	1.16E-02	2.84E-02	2.84E-02	-1.68E-02
COURSE GRID	390000.0	3733000.0	1.96E-02	0	1.96E-02	2.67E-02	-7.09E-03	1.04E-02	0	1.04E-02	2.67E-02	2.67E-02	-1.63E-02
COURSE GRID	390500.0	3733000.0	1.78E-02	0	1.78E-02	2.55E-02	-7.65E-03	9.33E-03	0	9.33E-03	2.55E-02	2.55E-02	-1.61E-02
COURSE GRID	391000.0	3733000.0	1.62E-02	0	1.62E-02	2.45E-02	-8.33E-03	8.46E-03	0	8.46E-03	2.45E-02	2.45E-02	-1.61E-02
COURSE GRID	391500.0	3733000.0	1.49E-02	0	1.49E-02	2.38E-02	-8.92E-03	7.72E-03	0	7.72E-03	2.38E-02	2.38E-02	-1.61E-02
COURSE GRID	392000.0	3733000.0	1.38E-02	0	1.38E-02	2.33E-02	-9.49E-03	7.09E-03	0	7.09E-03	2.33E-02	2.33E-02	-1.62E-02
COURSE GRID	392500.0	3733000.0	1.28E-02	0	1.28E-02	2.24E-02	-9.58E-03	6.55E-03	0	6.55E-03	2.24E-02	2.24E-02	-1.58E-02
COURSE GRID	393000.0	3733000.0	1.20E-02	0	1.20E-02	2.13E-02	-9.26E-03	6.08E-03	0	6.08E-03	2.13E-02	2.13E-02	-1.52E-02
COURSE GRID	393500.0	3733000.0	1.13E-02	0	1.13E-02	2.02E-02	-8.94E-03	5.67E-03	0	5.67E-03	2.02E-02	2.02E-02	-1.46E-02
COURSE GRID	377000.0	3733500.0	5.54E-03	0	5.54E-03	3.14E-03	2.40E-03	2.92E-03	0	2.92E-03	3.14E-03	3.14E-03	-2.21E-04
COURSE GRID	377500.0	3733500.0	5.93E-03	0	5.93E-03	3.48E-03	2.45E-03	3.15E-03	0	3.15E-03	3.48E-03	3.48E-03	-3.31E-04
COURSE GRID	378000.0	3733500.0	6.94E-03	0	6.94E-03	4.66E-03	2.28E-03	3.58E-03	0	3.58E-03	4.66E-03	4.66E-03	-1.08E-03
COURSE GRID	378500.0	3733500.0	7.63E-03	0	7.63E-03	5.86E-03	1.77E-03	3.90E-03	0	3.90E-03	5.86E-03	5.86E-03	-1.96E-03
COURSE GRID	379000.0	3733500.0	8.67E-03	0	8.67E-03	7.96E-03	7.14E-04	4.38E-03	0	4.38E-03	7.96E-03	7.96E-03	-3.58E-03
COURSE GRID	379500.0	3733500.0	9.24E-03	0	9.24E-03	1.02E-02	-9.19E-04	4.73E-03	0	4.73E-03	1.02E-02	1.02E-02	-5.43E-03
COURSE GRID	380000.0	3733500.0	9.75E-03	0	9.75E-03	1.33E-02	-3.59E-03	5.06E-03	0	5.06E-03	1.33E-02	1.33E-02	-8.28E-03
COURSE GRID	380500.0	3733500.0	1.02E-02	0	1.02E-02	1.98E-02	-9.61E-03	5.32E-03	0	5.32E-03	1.98E-02	1.98E-02	-1.45E-02
COURSE GRID	381000.0	3733500.0	1.06E-02	0	1.06E-02	3.02E-02	-1.96E-02	5.57E-03	0	5.57E-03	3.02E-02	3.02E-02	-2.47E-02
COURSE GRID	381500.0	3733500.0	1.13E-02	0	1.13E-02	6.01E-02	-4.88E-02	6.01E-03	0	6.01E-03	6.01E-02	6.01E-02	-5.41E-02
COURSE GRID	382500.0	3733500.0	1.32E-02	0	1.32E-02	9.07E-02	-7.75E-02	6.97E-03	0	6.97E-03	9.07E-02	9.07E-02	-8.38E-02
COURSE GRID	383000.0	3733500.0	1.42E-02	0	1.42E-02	3.63E-02	-2.21E-02	7.71E-03	0	7.71E-03	3.63E-02	3.63E-02	-2.86E-02
COURSE GRID	383500.0	3733500.0	1.61E-02	0	1.61E-02	2.57E-02	-9.56E-03	8.76E-03	0	8.76E-03	2.57E-02	2.57E-02	-1.69E-02
COURSE GRID	384000.0	3733500.0	1.91E-02	0	1.91E-02	2.98E-02	-1.07E-02	1.05E-02	0	1.05E-02	2.98E-02	2.98E-02	-1.93E-02
COURSE GRID	384500.0	3733500.0	2.21E-02	0	2.21E-02	3.07E-02	-8.61E-03	1.24E-02	0	1.24E-02	3.07E-02	3.07E-02	-1.83E-02
COURSE GRID	385000.0	3733500.0	2.49E-02	0	2.49E-02	2.72E-02	-2.29E-03	1.42E-02	0	1.42E-02	2.72E-02	2.72E-02	-1.30E-02
COURSE GRID	385500.0	3733500.0	2.69E-02	0	2.69E-02	2.43E-02	2.56E-03	1.55E-02	0	1.55E-02	2.43E-02	2.43E-02	-8.84E-03
COURSE GRID	386000.0	3733500.0	2.90E-02	0	2.90E-02	2.32E-02	5.84E-03	1.70E-02	0	1.70E-02	2.32E-02	2.32E-02	-6.16E-03
COURSE GRID	386500.0	3733500.0	3.07E-02	0	3.07E-02	2.31E-02	7.59E-03	1.80E-02	0	1.80E-02	2.31E-02	2.31E-02	-5.11E-03
COURSE GRID	387000.0	3733500.0	3.16E-02	0	3.16E-02	2.43E-02	7.28E-03	1.86E-02	0	1.86E-02	2.43E-02	2.43E-02	-5.72E-03
COURSE GRID	387500.0	3733500.0	3.13E-02	0	3.13E-02	2.62E-02	5.13E-03	1.85E-02	0	1.85E-02	2.62E-02	2.62E-02	-7.67E-03
COURSE GRID	388000.0	3733500.0	2.99E-02	0	2.99E-02	2.92E-02	6.80E-04	1.76E-02	0	1.76E-02	2.92E-02	2.92E-02	-1.16E-02

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION				PROPOSE PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	388500.0	3733500.0	2.78E-02	0	2.78E-02	2.95E-02	-1.73E-03	1.61E-02	2.95E-02	1.61E-02	-1.34E-02	
COURSE GRID	389000.0	3733500.0	2.54E-02	0	2.54E-02	3.09E-02	-5.51E-03	1.44E-02	3.09E-02	1.44E-02	-1.65E-02	
COURSE GRID	389500.0	3733500.0	2.31E-02	0	2.31E-02	2.89E-02	-5.81E-03	1.28E-02	2.89E-02	1.28E-02	-1.61E-02	
COURSE GRID	390000.0	3733500.0	2.10E-02	0	2.10E-02	2.77E-02	-6.68E-03	1.14E-02	2.77E-02	1.14E-02	-1.63E-02	
COURSE GRID	390500.0	3733500.0	1.91E-02	0	1.91E-02	2.71E-02	-8.03E-03	1.03E-02	2.71E-02	1.03E-02	-1.68E-02	
COURSE GRID	391000.0	3733500.0	1.75E-02	0	1.75E-02	2.66E-02	-9.09E-03	9.27E-03	2.66E-02	9.27E-03	-1.73E-02	
COURSE GRID	391500.0	3733500.0	1.60E-02	0	1.60E-02	2.61E-02	-1.01E-02	8.42E-03	2.61E-02	8.42E-03	-1.77E-02	
COURSE GRID	392000.0	3733500.0	1.47E-02	0	1.47E-02	2.51E-02	-1.04E-02	7.70E-03	2.51E-02	7.70E-03	-1.74E-02	
COURSE GRID	392500.0	3733500.0	1.36E-02	0	1.36E-02	2.39E-02	-1.03E-02	7.08E-03	2.39E-02	7.08E-03	-1.68E-02	
COURSE GRID	393000.0	3733500.0	1.27E-02	0	1.27E-02	2.25E-02	-9.81E-03	6.54E-03	2.25E-02	6.54E-03	-1.60E-02	
COURSE GRID	393500.0	3733500.0	1.18E-02	0	1.18E-02	2.07E-02	-8.91E-03	6.06E-03	2.07E-02	6.06E-03	-1.46E-02	
COURSE GRID	377000.0	3734000.0	4.93E-03	0	4.93E-03	3.05E-03	1.88E-03	2.57E-03	3.05E-03	2.57E-03	-4.77E-04	
COURSE GRID	377500.0	3734000.0	5.55E-03	0	5.55E-03	3.68E-03	1.87E-03	2.93E-03	3.68E-03	2.93E-03	-7.50E-04	
COURSE GRID	378000.0	3734000.0	6.48E-03	0	6.48E-03	4.82E-03	1.67E-03	3.35E-03	4.82E-03	3.35E-03	-1.46E-03	
COURSE GRID	378500.0	3734000.0	7.10E-03	0	7.10E-03	6.10E-03	1.00E-03	3.63E-03	6.10E-03	3.63E-03	-2.47E-03	
COURSE GRID	379000.0	3734000.0	7.81E-03	0	7.81E-03	8.12E-03	-3.10E-04	3.94E-03	8.12E-03	3.94E-03	-4.18E-03	
COURSE GRID	379500.0	3734000.0	8.36E-03	0	8.36E-03	1.14E-02	-3.06E-03	4.26E-03	1.14E-02	4.26E-03	-7.16E-03	
COURSE GRID	380000.0	3734000.0	8.66E-03	0	8.66E-03	1.51E-02	-6.44E-03	4.43E-03	1.51E-02	4.43E-03	-1.07E-02	
COURSE GRID	380500.0	3734000.0	9.10E-03	0	9.10E-03	2.15E-02	-1.24E-02	4.71E-03	2.15E-02	4.71E-03	-1.68E-02	
COURSE GRID	381000.0	3734000.0	9.34E-03	0	9.34E-03	3.63E-02	-2.70E-02	4.89E-03	3.63E-02	4.89E-03	-3.14E-02	
COURSE GRID	381500.0	3734000.0	9.84E-03	0	9.84E-03	7.79E-02	-6.81E-02	5.19E-03	7.79E-02	5.19E-03	-7.27E-02	
COURSE GRID	382000.0	3734000.0	1.07E-02	0	1.07E-02	3.00E-01	-2.89E-01	5.62E-03	3.00E-01	5.62E-03	-2.94E-01	
COURSE GRID	382500.0	3734000.0	1.15E-02	0	1.15E-02	4.76E-02	-3.61E-02	6.07E-03	4.76E-02	6.07E-03	-4.15E-02	
COURSE GRID	383000.0	3734000.0	1.22E-02	0	1.22E-02	3.17E-02	-1.95E-02	6.54E-03	3.17E-02	6.54E-03	-2.51E-02	
COURSE GRID	383500.0	3734000.0	1.34E-02	0	1.34E-02	2.86E-02	-1.52E-02	7.19E-03	2.86E-02	7.19E-03	-2.14E-02	
COURSE GRID	384000.0	3734000.0	1.54E-02	0	1.54E-02	4.36E-02	-2.82E-02	8.37E-03	4.36E-02	8.37E-03	-3.52E-02	
COURSE GRID	384500.0	3734000.0	1.78E-02	0	1.78E-02	3.89E-02	-2.11E-02	9.80E-03	3.89E-02	9.80E-03	-2.91E-02	
COURSE GRID	385000.0	3734000.0	1.98E-02	0	1.98E-02	2.88E-02	-8.98E-03	1.11E-02	2.88E-02	1.11E-02	-1.77E-02	
COURSE GRID	385500.0	3734000.0	2.15E-02	0	2.15E-02	2.66E-02	-5.10E-03	1.21E-02	2.66E-02	1.21E-02	-1.45E-02	
COURSE GRID	386000.0	3734000.0	2.27E-02	0	2.27E-02	2.67E-02	-3.96E-03	1.30E-02	2.67E-02	1.30E-02	-1.37E-02	
COURSE GRID	386500.0	3734000.0	2.38E-02	0	2.38E-02	2.78E-02	-4.00E-03	1.36E-02	2.78E-02	1.36E-02	-1.42E-02	
COURSE GRID	387000.0	3734000.0	2.48E-02	0	2.48E-02	2.93E-02	-4.45E-03	1.43E-02	2.93E-02	1.43E-02	-1.49E-02	
COURSE GRID	387500.0	3734000.0	2.57E-02	0	2.57E-02	3.25E-02	-6.83E-03	1.49E-02	3.25E-02	1.49E-02	-1.76E-02	
COURSE GRID	388000.0	3734000.0	2.62E-02	0	2.62E-02	3.28E-02	-6.64E-03	1.52E-02	3.28E-02	1.52E-02	-1.76E-02	
COURSE GRID	388500.0	3734000.0	2.59E-02	0	2.59E-02	3.37E-02	-7.78E-03	1.51E-02	3.37E-02	1.51E-02	-1.86E-02	
COURSE GRID	389000.0	3734000.0	2.48E-02	0	2.48E-02	3.11E-02	-6.26E-03	1.44E-02	3.11E-02	1.44E-02	-1.67E-02	
COURSE GRID	389500.0	3734000.0	2.34E-02	0	2.34E-02	3.03E-02	-6.92E-03	1.35E-02	3.03E-02	1.35E-02	-1.68E-02	
COURSE GRID	390000.0	3734000.0	2.17E-02	0	2.17E-02	2.99E-02	-8.23E-03	1.23E-02	2.99E-02	1.23E-02	-1.76E-02	
COURSE GRID	390500.0	3734000.0	2.01E-02	0	2.01E-02	3.00E-02	-9.85E-03	1.12E-02	3.00E-02	1.12E-02	-1.87E-02	
COURSE GRID	391000.0	3734000.0	1.85E-02	0	1.85E-02	2.97E-02	-1.12E-02	1.01E-02	2.97E-02	1.01E-02	-1.96E-02	

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION				PROPOSE PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	391500.0	3734000.0	1.70E-02	0	1.70E-02	2.86E-02	-1.15E-02	9.13E-03	2.86E-02	9.13E-03	2.86E-02	-1.94E-02
COURSE GRID	392000.0	3734000.0	1.57E-02	0	1.57E-02	2.71E-02	-1.13E-02	8.33E-03	2.71E-02	8.33E-03	2.71E-02	-1.87E-02
COURSE GRID	392500.0	3734000.0	1.45E-02	0	1.45E-02	2.50E-02	-1.05E-02	7.63E-03	2.50E-02	7.63E-03	2.50E-02	-1.74E-02
COURSE GRID	393000.0	3734000.0	1.34E-02	0	1.34E-02	2.25E-02	-9.10E-03	7.03E-03	2.25E-02	7.03E-03	2.25E-02	-1.55E-02
COURSE GRID	393500.0	3734000.0	1.25E-02	0	1.25E-02	1.98E-02	-7.33E-03	6.50E-03	1.98E-02	6.50E-03	1.98E-02	-1.33E-02
COURSE GRID	377000.0	3734500.0	4.17E-03	0	4.17E-03	2.86E-03	1.31E-03	2.20E-03	2.86E-03	2.20E-03	2.86E-03	-6.63E-04
COURSE GRID	377500.0	3734500.0	5.25E-03	0	5.25E-03	3.45E-03	1.80E-03	2.79E-03	3.45E-03	2.79E-03	3.45E-03	-6.58E-04
COURSE GRID	378000.0	3734500.0	5.85E-03	0	5.85E-03	4.27E-03	1.58E-03	3.05E-03	4.27E-03	3.05E-03	4.27E-03	-1.22E-03
COURSE GRID	378500.0	3734500.0	6.34E-03	0	6.34E-03	5.38E-03	9.58E-04	3.26E-03	5.38E-03	3.26E-03	5.38E-03	-2.12E-03
COURSE GRID	379000.0	3734500.0	6.81E-03	0	6.81E-03	6.79E-03	1.97E-05	3.44E-03	6.79E-03	3.44E-03	6.79E-03	-3.35E-03
COURSE GRID	379500.0	3734500.0	7.34E-03	0	7.34E-03	9.28E-03	-1.94E-03	3.67E-03	9.28E-03	3.67E-03	9.28E-03	-5.61E-03
COURSE GRID	380000.0	3734500.0	7.87E-03	0	7.87E-03	1.35E-02	-5.61E-03	3.99E-03	1.35E-02	3.99E-03	1.35E-02	-9.49E-03
COURSE GRID	380500.0	3734500.0	8.06E-03	0	8.06E-03	1.99E-02	-1.18E-02	4.14E-03	1.99E-02	4.14E-03	1.99E-02	-1.57E-02
COURSE GRID	381000.0	3734500.0	8.15E-03	0	8.15E-03	2.80E-02	-1.99E-02	4.23E-03	2.80E-02	4.23E-03	2.80E-02	-2.38E-02
COURSE GRID	381500.0	3734500.0	9.01E-03	0	9.01E-03	4.44E-02	-3.54E-02	4.66E-03	4.44E-02	4.66E-03	4.44E-02	-3.98E-02
COURSE GRID	382000.0	3734500.0	9.78E-03	0	9.78E-03	6.74E-02	-5.76E-02	5.03E-03	6.74E-02	5.03E-03	6.74E-02	-6.24E-02
COURSE GRID	382500.0	3734500.0	1.02E-02	0	1.02E-02	5.45E-02	-4.42E-02	5.36E-03	5.45E-02	5.36E-03	5.45E-02	-4.91E-02
COURSE GRID	383000.0	3734500.0	1.06E-02	0	1.06E-02	3.58E-02	-2.52E-02	5.62E-03	3.58E-02	5.62E-03	3.58E-02	-3.02E-02
COURSE GRID	383500.0	3734500.0	1.15E-02	0	1.15E-02	4.21E-02	-3.06E-02	6.11E-03	4.21E-02	6.11E-03	4.21E-02	-3.59E-02
COURSE GRID	384000.0	3734500.0	1.30E-02	0	1.30E-02	8.42E-02	-7.12E-02	6.96E-03	8.42E-02	6.96E-03	8.42E-02	-7.73E-02
COURSE GRID	384500.0	3734500.0	1.48E-02	0	1.48E-02	3.86E-02	-2.38E-02	8.02E-03	3.86E-02	8.02E-03	3.86E-02	-3.06E-02
COURSE GRID	385000.0	3734500.0	1.64E-02	0	1.64E-02	3.03E-02	-1.39E-02	9.07E-03	3.03E-02	9.07E-03	3.03E-02	-2.12E-02
COURSE GRID	385500.0	3734500.0	1.76E-02	0	1.76E-02	3.08E-02	-1.32E-02	9.77E-03	3.08E-02	9.77E-03	3.08E-02	-2.10E-02
COURSE GRID	386000.0	3734500.0	1.88E-02	0	1.88E-02	3.29E-02	-1.41E-02	1.05E-02	3.29E-02	1.05E-02	3.29E-02	-2.24E-02
COURSE GRID	386500.0	3734500.0	1.95E-02	0	1.95E-02	3.37E-02	-1.42E-02	1.10E-02	3.37E-02	1.10E-02	3.37E-02	-2.27E-02
COURSE GRID	387000.0	3734500.0	1.98E-02	0	1.98E-02	3.47E-02	-1.49E-02	1.13E-02	3.47E-02	1.13E-02	3.47E-02	-2.34E-02
COURSE GRID	387500.0	3734500.0	2.06E-02	0	2.06E-02	3.65E-02	-1.59E-02	1.17E-02	3.65E-02	1.17E-02	3.65E-02	-2.48E-02
COURSE GRID	388000.0	3734500.0	2.13E-02	0	2.13E-02	3.69E-02	-1.56E-02	1.21E-02	3.69E-02	1.21E-02	3.69E-02	-2.48E-02
COURSE GRID	388500.0	3734500.0	2.18E-02	0	2.18E-02	3.39E-02	-1.21E-02	1.26E-02	3.39E-02	1.26E-02	3.39E-02	-2.13E-02
COURSE GRID	389000.0	3734500.0	2.21E-02	0	2.21E-02	3.36E-02	-1.15E-02	1.28E-02	3.36E-02	1.28E-02	3.36E-02	-2.08E-02
COURSE GRID	389500.0	3734500.0	2.20E-02	0	2.20E-02	3.38E-02	-1.18E-02	1.26E-02	3.38E-02	1.26E-02	3.38E-02	-2.12E-02
COURSE GRID	390000.0	3734500.0	2.13E-02	0	2.13E-02	3.45E-02	-1.32E-02	1.22E-02	3.45E-02	1.22E-02	3.45E-02	-2.23E-02
COURSE GRID	390500.0	3734500.0	2.03E-02	0	2.03E-02	3.45E-02	-1.42E-02	1.15E-02	3.45E-02	1.15E-02	3.45E-02	-2.30E-02
COURSE GRID	391000.0	3734500.0	1.91E-02	0	1.91E-02	3.31E-02	-1.40E-02	1.07E-02	3.31E-02	1.07E-02	3.31E-02	-2.24E-02
COURSE GRID	391500.0	3734500.0	1.78E-02	0	1.78E-02	3.10E-02	-1.32E-02	9.82E-03	3.10E-02	9.82E-03	3.10E-02	-2.12E-02
COURSE GRID	392000.0	3734500.0	1.65E-02	0	1.65E-02	2.78E-02	-1.13E-02	8.97E-03	2.78E-02	8.97E-03	2.78E-02	-1.88E-02
COURSE GRID	392500.0	3734500.0	1.53E-02	0	1.53E-02	2.43E-02	-9.02E-03	8.20E-03	2.43E-02	8.20E-03	2.43E-02	-1.61E-02
COURSE GRID	393000.0	3734500.0	1.42E-02	0	1.42E-02	2.10E-02	-6.77E-03	7.53E-03	2.10E-02	7.53E-03	2.10E-02	-1.34E-02
COURSE GRID	393500.0	3734500.0	1.32E-02	0	1.32E-02	1.80E-02	-4.84E-03	6.94E-03	1.80E-02	6.94E-03	1.80E-02	-1.11E-02
COURSE GRID	377000.0	3735000.0	4.40E-03	0	4.40E-03	3.21E-03	1.19E-03	2.31E-03	3.21E-03	2.31E-03	3.21E-03	-8.99E-04

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION				PROPOSE PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	377500.0	3735000.0	4.92E-03	0	4.92E-03	3.78E-03	1.14E-03	2.58E-03	0	2.58E-03	3.78E-03	-1.20E-03
COURSE GRID	378000.0	3735000.0	5.42E-03	0	5.42E-03	4.64E-03	7.86E-04	2.80E-03	0	2.80E-03	4.64E-03	-1.83E-03
COURSE GRID	378500.0	3735000.0	5.87E-03	0	5.87E-03	5.34E-03	5.28E-04	2.98E-03	0	2.98E-03	5.34E-03	-2.36E-03
COURSE GRID	379000.0	3735000.0	6.30E-03	0	6.30E-03	6.71E-03	-4.09E-04	3.16E-03	0	3.16E-03	6.71E-03	-3.55E-03
COURSE GRID	379500.0	3735000.0	6.91E-03	0	6.91E-03	9.29E-03	-2.38E-03	3.46E-03	0	3.46E-03	9.29E-03	-5.83E-03
COURSE GRID	380000.0	3735000.0	7.11E-03	0	7.11E-03	1.31E-02	-6.01E-03	3.60E-03	0	3.60E-03	1.31E-02	-9.52E-03
COURSE GRID	380500.0	3735000.0	7.23E-03	0	7.23E-03	1.76E-02	-1.04E-02	3.71E-03	0	3.71E-03	1.76E-02	-1.39E-02
COURSE GRID	381000.0	3735000.0	7.55E-03	0	7.55E-03	2.16E-02	-1.41E-02	3.85E-03	0	3.85E-03	2.16E-02	-1.78E-02
COURSE GRID	381500.0	3735000.0	8.32E-03	0	8.32E-03	3.26E-02	-2.43E-02	4.23E-03	0	4.23E-03	3.26E-02	-2.84E-02
COURSE GRID	382000.0	3735000.0	8.91E-03	0	8.91E-03	4.11E-02	-3.22E-02	4.58E-03	0	4.58E-03	4.11E-02	-3.65E-02
COURSE GRID	382500.0	3735000.0	9.08E-03	0	9.08E-03	4.63E-02	-3.72E-02	4.73E-03	0	4.73E-03	4.63E-02	-4.16E-02
COURSE GRID	383000.0	3735000.0	9.31E-03	0	9.31E-03	5.35E-02	-4.41E-02	4.87E-03	0	4.87E-03	5.35E-02	-4.86E-02
COURSE GRID	384000.0	3735000.0	1.12E-02	0	1.12E-02	7.72E-02	-6.60E-02	5.94E-03	0	5.94E-03	7.72E-02	-7.13E-02
COURSE GRID	384500.0	3735000.0	1.26E-02	0	1.26E-02	3.84E-02	-2.58E-02	6.76E-03	0	6.76E-03	3.84E-02	-3.17E-02
COURSE GRID	385000.0	3735000.0	1.39E-02	0	1.39E-02	3.89E-02	-2.49E-02	7.58E-03	0	7.58E-03	3.89E-02	-3.13E-02
COURSE GRID	385500.0	3735000.0	1.49E-02	0	1.49E-02	4.10E-02	-2.61E-02	8.18E-03	0	8.18E-03	4.10E-02	-3.28E-02
COURSE GRID	386000.0	3735000.0	1.58E-02	0	1.58E-02	4.18E-02	-2.60E-02	8.71E-03	0	8.71E-03	4.18E-02	-3.31E-02
COURSE GRID	386500.0	3735000.0	1.66E-02	0	1.66E-02	3.96E-02	-2.29E-02	9.21E-03	0	9.21E-03	3.96E-02	-3.03E-02
COURSE GRID	387000.0	3735000.0	1.70E-02	0	1.70E-02	3.81E-02	-2.11E-02	9.53E-03	0	9.53E-03	3.81E-02	-2.86E-02
COURSE GRID	387500.0	3735000.0	1.71E-02	0	1.71E-02	3.93E-02	-2.21E-02	9.63E-03	0	9.63E-03	3.93E-02	-2.96E-02
COURSE GRID	388000.0	3735000.0	1.77E-02	0	1.77E-02	3.71E-02	-1.94E-02	9.91E-03	0	9.91E-03	3.71E-02	-2.72E-02
COURSE GRID	388500.0	3735000.0	1.78E-02	0	1.78E-02	3.68E-02	-1.90E-02	1.01E-02	0	1.01E-02	3.68E-02	-2.67E-02
COURSE GRID	389000.0	3735000.0	1.85E-02	0	1.85E-02	3.89E-02	-2.04E-02	1.05E-02	0	1.05E-02	3.89E-02	-2.84E-02
COURSE GRID	389500.0	3735000.0	1.87E-02	0	1.87E-02	4.10E-02	-2.23E-02	1.07E-02	0	1.07E-02	4.10E-02	-3.03E-02
COURSE GRID	390000.0	3735000.0	1.91E-02	0	1.91E-02	4.15E-02	-2.24E-02	1.09E-02	0	1.09E-02	4.15E-02	-3.06E-02
COURSE GRID	390500.0	3735000.0	1.89E-02	0	1.89E-02	3.96E-02	-2.07E-02	1.08E-02	0	1.08E-02	3.96E-02	-2.88E-02
COURSE GRID	391000.0	3735000.0	1.85E-02	0	1.85E-02	3.61E-02	-1.76E-02	1.05E-02	0	1.05E-02	3.61E-02	-2.56E-02
COURSE GRID	391500.0	3735000.0	1.78E-02	0	1.78E-02	3.10E-02	-1.32E-02	1.00E-02	0	1.00E-02	3.10E-02	-2.10E-02
COURSE GRID	392000.0	3735000.0	1.69E-02	0	1.69E-02	2.62E-02	-9.29E-03	9.39E-03	0	9.39E-03	2.62E-02	-1.68E-02
COURSE GRID	392500.0	3735000.0	1.58E-02	0	1.58E-02	2.19E-02	-6.06E-03	8.72E-03	0	8.72E-03	2.19E-02	-1.31E-02
COURSE GRID	393000.0	3735000.0	1.48E-02	0	1.48E-02	1.83E-02	-3.45E-03	8.04E-03	0	8.04E-03	1.83E-02	-1.02E-02
COURSE GRID	393500.0	3735000.0	1.38E-02	0	1.38E-02	1.55E-02	-1.65E-03	7.41E-03	0	7.41E-03	1.55E-02	-8.04E-03
COURSE GRID	377000.0	3735500.0	4.22E-03	0	4.22E-03	3.36E-03	8.62E-04	2.20E-03	0	2.20E-03	3.36E-03	-1.16E-03
COURSE GRID	377500.0	3735500.0	4.60E-03	0	4.60E-03	3.78E-03	8.19E-04	2.39E-03	0	2.39E-03	3.78E-03	-1.39E-03
COURSE GRID	378000.0	3735500.0	5.07E-03	0	5.07E-03	4.39E-03	6.82E-04	2.60E-03	0	2.60E-03	4.39E-03	-1.79E-03
COURSE GRID	378500.0	3735500.0	5.50E-03	0	5.50E-03	5.15E-03	3.54E-04	2.77E-03	0	2.77E-03	5.15E-03	-2.38E-03
COURSE GRID	379000.0	3735500.0	6.02E-03	0	6.02E-03	6.90E-03	-8.82E-04	3.00E-03	0	3.00E-03	6.90E-03	-3.90E-03
COURSE GRID	379500.0	3735500.0	6.45E-03	0	6.45E-03	1.02E-02	-3.79E-03	3.25E-03	0	3.25E-03	1.02E-02	-6.99E-03
COURSE GRID	380000.0	3735500.0	6.55E-03	0	6.55E-03	1.26E-02	-6.06E-03	3.33E-03	0	3.33E-03	1.26E-02	-9.28E-03
COURSE GRID	380500.0	3735500.0	6.81E-03	0	6.81E-03	1.51E-02	-8.27E-03	3.44E-03	0	3.44E-03	1.51E-02	-1.16E-02

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	381000.0	3735500.0	7.28E-03	0	7.28E-03	1.93E-02	-1.20E-02	3.66E-03	0	3.66E-03	1.93E-02	-1.57E-02
COURSE GRID	381500.0	3735500.0	7.73E-03	0	7.73E-03	2.53E-02	-1.76E-02	3.92E-03	0	3.92E-03	2.53E-02	-2.14E-02
COURSE GRID	382000.0	3735500.0	8.08E-03	0	8.08E-03	3.04E-02	-2.23E-02	4.13E-03	0	4.13E-03	3.04E-02	-2.62E-02
COURSE GRID	382500.0	3735500.0	8.24E-03	0	8.24E-03	3.77E-02	-2.94E-02	4.24E-03	0	4.24E-03	3.77E-02	-3.34E-02
COURSE GRID	383000.0	3735500.0	8.46E-03	0	8.46E-03	4.50E-02	-3.66E-02	4.36E-03	0	4.36E-03	4.50E-02	-4.07E-02
COURSE GRID	383500.0	3735500.0	9.09E-03	0	9.09E-03	7.80E-02	-6.89E-02	4.72E-03	0	4.72E-03	7.80E-02	-7.33E-02
COURSE GRID	384000.0	3735500.0	9.86E-03	0	9.86E-03	6.04E-02	-5.05E-02	5.19E-03	0	5.19E-03	6.04E-02	-5.52E-02
COURSE GRID	384500.0	3735500.0	1.09E-02	0	1.09E-02	5.25E-02	-4.16E-02	5.80E-03	0	5.80E-03	5.25E-02	-4.67E-02
COURSE GRID	385000.0	3735500.0	1.19E-02	0	1.19E-02	5.74E-02	-4.55E-02	6.43E-03	0	6.43E-03	5.74E-02	-5.09E-02
COURSE GRID	385500.0	3735500.0	1.29E-02	0	1.29E-02	5.47E-02	-4.18E-02	7.03E-03	0	7.03E-03	5.47E-02	-4.76E-02
COURSE GRID	386000.0	3735500.0	1.35E-02	0	1.35E-02	4.59E-02	-3.24E-02	7.35E-03	0	7.35E-03	4.59E-02	-3.86E-02
COURSE GRID	386500.0	3735500.0	1.43E-02	0	1.43E-02	3.81E-02	-2.37E-02	7.82E-03	0	7.82E-03	3.81E-02	-3.02E-02
COURSE GRID	387000.0	3735500.0	1.46E-02	0	1.46E-02	3.64E-02	-2.18E-02	8.10E-03	0	8.10E-03	3.64E-02	-2.83E-02
COURSE GRID	387500.0	3735500.0	1.51E-02	0	1.51E-02	4.25E-02	-2.74E-02	8.35E-03	0	8.35E-03	4.25E-02	-3.41E-02
COURSE GRID	388000.0	3735500.0	1.51E-02	0	1.51E-02	4.19E-02	-2.68E-02	8.40E-03	0	8.40E-03	4.19E-02	-3.35E-02
COURSE GRID	388500.0	3735500.0	1.52E-02	0	1.52E-02	4.67E-02	-3.15E-02	8.51E-03	0	8.51E-03	4.67E-02	-3.82E-02
COURSE GRID	389000.0	3735500.0	1.54E-02	0	1.54E-02	5.13E-02	-3.59E-02	8.67E-03	0	8.67E-03	5.13E-02	-4.26E-02
COURSE GRID	389500.0	3735500.0	1.60E-02	0	1.60E-02	5.28E-02	-3.68E-02	8.98E-03	0	8.98E-03	5.28E-02	-4.38E-02
COURSE GRID	390000.0	3735500.0	1.64E-02	0	1.64E-02	4.94E-02	-3.30E-02	9.25E-03	0	9.25E-03	4.94E-02	-4.02E-02
COURSE GRID	390500.0	3735500.0	1.66E-02	0	1.66E-02	4.24E-02	-2.58E-02	9.42E-03	0	9.42E-03	4.24E-02	-3.30E-02
COURSE GRID	391000.0	3735500.0	1.67E-02	0	1.67E-02	3.45E-02	-1.78E-02	9.46E-03	0	9.46E-03	3.45E-02	-2.51E-02
COURSE GRID	391500.0	3735500.0	1.66E-02	0	1.66E-02	2.76E-02	-1.10E-02	9.36E-03	0	9.36E-03	2.76E-02	-1.83E-02
COURSE GRID	392000.0	3735500.0	1.62E-02	0	1.62E-02	2.22E-02	-5.97E-03	9.13E-03	0	9.13E-03	2.22E-02	-1.30E-02
COURSE GRID	392500.0	3735500.0	1.57E-02	0	1.57E-02	1.81E-02	-2.40E-03	8.77E-03	0	8.77E-03	1.81E-02	-9.33E-03
COURSE GRID	393000.0	3735500.0	1.50E-02	0	1.50E-02	1.52E-02	-1.50E-04	8.32E-03	0	8.32E-03	1.52E-02	-6.83E-03
COURSE GRID	393500.0	3735500.0	1.42E-02	0	1.42E-02	1.29E-02	1.31E-03	7.80E-03	0	7.80E-03	1.29E-02	-5.09E-03
COURSE GRID	377000.0	3736000.0	4.02E-03	0	4.02E-03	3.10E-03	9.20E-04	2.07E-03	0	2.07E-03	3.10E-03	-1.03E-03
COURSE GRID	377500.0	3736000.0	4.43E-03	0	4.43E-03	3.56E-03	8.66E-04	2.27E-03	0	2.27E-03	3.56E-03	-1.29E-03
COURSE GRID	378000.0	3736000.0	4.97E-03	0	4.97E-03	4.74E-03	2.35E-04	2.49E-03	0	2.49E-03	4.74E-03	-2.24E-03
COURSE GRID	378500.0	3736000.0	5.47E-03	0	5.47E-03	6.31E-03	-8.42E-04	2.70E-03	0	2.70E-03	6.31E-03	-3.61E-03
COURSE GRID	379000.0	3736000.0	5.80E-03	0	5.80E-03	8.31E-03	-2.51E-03	2.88E-03	0	2.88E-03	8.31E-03	-5.43E-03
COURSE GRID	379500.0	3736000.0	5.89E-03	0	5.89E-03	1.03E-02	-4.40E-03	2.96E-03	0	2.96E-03	1.03E-02	-7.33E-03
COURSE GRID	380000.0	3736000.0	6.03E-03	0	6.03E-03	1.18E-02	-5.78E-03	3.01E-03	0	3.01E-03	1.18E-02	-8.80E-03
COURSE GRID	380500.0	3736000.0	6.38E-03	0	6.38E-03	1.39E-02	-7.54E-03	3.18E-03	0	3.18E-03	1.39E-02	-1.07E-02
COURSE GRID	381000.0	3736000.0	6.81E-03	0	6.81E-03	1.70E-02	-1.02E-02	3.40E-03	0	3.40E-03	1.70E-02	-1.36E-02
COURSE GRID	381500.0	3736000.0	7.19E-03	0	7.19E-03	2.05E-02	-1.33E-02	3.64E-03	0	3.64E-03	2.05E-02	-1.68E-02
COURSE GRID	382000.0	3736000.0	7.31E-03	0	7.31E-03	2.51E-02	-1.77E-02	3.71E-03	0	3.71E-03	2.51E-02	-2.13E-02
COURSE GRID	382500.0	3736000.0	7.48E-03	0	7.48E-03	3.09E-02	-2.34E-02	3.81E-03	0	3.81E-03	3.09E-02	-2.71E-02
COURSE GRID	383000.0	3736000.0	7.67E-03	0	7.67E-03	3.97E-02	-3.21E-02	3.92E-03	0	3.92E-03	3.97E-02	-3.58E-02
COURSE GRID	383500.0	3736000.0	8.21E-03	0	8.21E-03	6.10E-02	-5.28E-02	4.23E-03	0	4.23E-03	6.10E-02	-5.68E-02

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION				PROPOSE PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	384000.0	3736000.0	8.84E-03	0	8.84E-03	8.66E-02	-7.78E-02	4.61E-03	8.66E-02	-8.20E-02		
COURSE GRID	384500.0	3736000.0	9.64E-03	0	9.64E-03	9.90E-02	-8.93E-02	5.08E-03	9.90E-02	-9.39E-02		
COURSE GRID	385000.0	3736000.0	1.05E-02	0	1.05E-02	8.12E-02	-7.07E-02	5.59E-03	8.12E-02	-7.56E-02		
COURSE GRID	385500.0	3736000.0	1.13E-02	0	1.13E-02	5.20E-02	-4.06E-02	6.12E-03	5.20E-02	-4.58E-02		
COURSE GRID	386000.0	3736000.0	1.19E-02	0	1.19E-02	3.69E-02	-2.50E-02	6.43E-03	3.69E-02	-3.04E-02		
COURSE GRID	386500.0	3736000.0	1.23E-02	0	1.23E-02	3.43E-02	-2.19E-02	6.69E-03	3.43E-02	-2.76E-02		
COURSE GRID	387000.0	3736000.0	1.27E-02	0	1.27E-02	3.78E-02	-2.50E-02	6.97E-03	3.78E-02	-3.08E-02		
COURSE GRID	387500.0	3736000.0	1.33E-02	0	1.33E-02	5.24E-02	-3.91E-02	7.31E-03	5.24E-02	-4.51E-02		
COURSE GRID	388000.0	3736000.0	1.35E-02	0	1.35E-02	6.04E-02	-4.69E-02	7.40E-03	6.04E-02	-5.30E-02		
COURSE GRID	388500.0	3736000.0	1.35E-02	0	1.35E-02	7.08E-02	-5.73E-02	7.41E-03	7.08E-02	-6.34E-02		
COURSE GRID	389000.0	3736000.0	1.37E-02	0	1.37E-02	7.28E-02	-5.91E-02	7.53E-03	7.28E-02	-6.53E-02		
COURSE GRID	389500.0	3736000.0	1.38E-02	0	1.38E-02	6.44E-02	-5.06E-02	7.64E-03	6.44E-02	-5.68E-02		
COURSE GRID	390000.0	3736000.0	1.40E-02	0	1.40E-02	5.03E-02	-3.63E-02	7.80E-03	5.03E-02	-4.25E-02		
COURSE GRID	390500.0	3736000.0	1.43E-02	0	1.43E-02	3.82E-02	-2.38E-02	8.02E-03	3.82E-02	-3.01E-02		
COURSE GRID	391000.0	3736000.0	1.46E-02	0	1.46E-02	2.87E-02	-1.41E-02	8.20E-03	2.87E-02	-2.05E-02		
COURSE GRID	391500.0	3736000.0	1.48E-02	0	1.48E-02	2.22E-02	-7.40E-03	8.31E-03	2.22E-02	-1.39E-02		
COURSE GRID	392000.0	3736000.0	1.48E-02	0	1.48E-02	1.77E-02	-2.88E-03	8.32E-03	1.77E-02	-9.36E-03		
COURSE GRID	392500.0	3736000.0	1.47E-02	0	1.47E-02	1.45E-02	1.60E-04	8.24E-03	1.45E-02	-6.30E-03		
COURSE GRID	393000.0	3736000.0	1.44E-02	0	1.44E-02	1.23E-02	2.06E-03	8.06E-03	1.23E-02	-4.28E-03		
COURSE GRID	393500.0	3736000.0	1.40E-02	0	1.40E-02	1.07E-02	3.33E-03	7.78E-03	1.07E-02	-2.89E-03		
COURSE GRID	377000.0	3736500.0	4.01E-03	0	4.01E-03	3.26E-03	7.54E-04	2.05E-03	3.26E-03	-1.21E-03		
COURSE GRID	377500.0	3736500.0	4.31E-03	0	4.31E-03	3.89E-03	4.16E-04	2.18E-03	3.89E-03	-1.71E-03		
COURSE GRID	378000.0	3736500.0	4.87E-03	0	4.87E-03	5.11E-03	-2.43E-04	2.40E-03	5.11E-03	-2.71E-03		
COURSE GRID	378500.0	3736500.0	5.25E-03	0	5.25E-03	6.66E-03	-1.41E-03	2.58E-03	6.66E-03	-4.08E-03		
COURSE GRID	379000.0	3736500.0	5.28E-03	0	5.28E-03	8.03E-03	-2.74E-03	2.62E-03	8.03E-03	-5.40E-03		
COURSE GRID	379500.0	3736500.0	5.29E-03	0	5.29E-03	9.13E-03	-3.83E-03	2.61E-03	9.13E-03	-6.51E-03		
COURSE GRID	380000.0	3736500.0	5.61E-03	0	5.61E-03	1.13E-02	-5.69E-03	2.77E-03	1.13E-02	-8.53E-03		
COURSE GRID	380500.0	3736500.0	5.90E-03	0	5.90E-03	1.28E-02	-6.91E-03	2.91E-03	1.28E-02	-9.90E-03		
COURSE GRID	381000.0	3736500.0	6.17E-03	0	6.17E-03	1.52E-02	-9.05E-03	3.08E-03	1.52E-02	-1.21E-02		
COURSE GRID	381500.0	3736500.0	6.60E-03	0	6.60E-03	1.86E-02	-1.20E-02	3.32E-03	1.86E-02	-1.53E-02		
COURSE GRID	382000.0	3736500.0	6.75E-03	0	6.75E-03	2.06E-02	-1.38E-02	3.40E-03	2.06E-02	-1.72E-02		
COURSE GRID	382500.0	3736500.0	6.80E-03	0	6.80E-03	2.87E-02	-2.19E-02	3.44E-03	2.87E-02	-2.53E-02		
COURSE GRID	383000.0	3736500.0	7.02E-03	0	7.02E-03	4.65E-02	-3.94E-02	3.56E-03	4.65E-02	-4.29E-02		
COURSE GRID	383500.0	3736500.0	7.51E-03	0	7.51E-03	1.49E-01	-1.41E-01	3.83E-03	1.49E-01	-1.45E-01		
COURSE GRID	384000.0	3736500.0	8.03E-03	0	8.03E-03	2.55E-01	-2.47E-01	4.15E-03	2.55E-01	-2.51E-01		
COURSE GRID	384500.0	3736500.0	8.62E-03	0	8.62E-03	1.23E-01	-1.14E-01	4.51E-03	1.23E-01	-1.19E-01		
COURSE GRID	385000.0	3736500.0	9.37E-03	0	9.37E-03	5.38E-02	-4.45E-02	4.93E-03	5.38E-02	-4.89E-02		
COURSE GRID	385500.0	3736500.0	1.00E-02	0	1.00E-02	3.38E-02	-2.38E-02	5.34E-03	3.38E-02	-2.84E-02		
COURSE GRID	386000.0	3736500.0	1.05E-02	0	1.05E-02	2.81E-02	-1.76E-02	5.63E-03	2.81E-02	-2.24E-02		
COURSE GRID	386500.0	3736500.0	1.10E-02	0	1.10E-02	3.47E-02	-2.37E-02	5.89E-03	3.47E-02	-2.88E-02		

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION				PROPOSE PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
			1.14E-02	0	1.14E-02	4.90E-02	-3.76E-02	6.14E-03	0	6.14E-03	4.90E-02	-4.28E-02
COURSE GRID	387000.0	3736500.0	1.14E-02	4.90E-02	-3.76E-02	6.14E-03	0	6.14E-03	4.90E-02	-4.28E-02		
COURSE GRID	387500.0	3736500.0	1.18E-02	8.20E-02	-7.02E-02	6.42E-03	0	6.42E-03	8.20E-02	-7.55E-02		
COURSE GRID	388000.0	3736500.0	1.20E-02	1.14E-01	-1.02E-01	6.56E-03	0	6.56E-03	1.14E-01	-1.08E-01		
COURSE GRID	388500.0	3736500.0	1.22E-02	1.15E-01	-1.03E-01	6.63E-03	0	6.63E-03	1.15E-01	-1.08E-01		
COURSE GRID	389000.0	3736500.0	1.21E-02	8.69E-02	-7.47E-02	6.61E-03	0	6.61E-03	8.69E-02	-8.02E-02		
COURSE GRID	389500.0	3736500.0	1.22E-02	6.00E-02	-4.77E-02	6.68E-03	0	6.68E-03	6.00E-02	-5.33E-02		
COURSE GRID	390000.0	3736500.0	1.22E-02	4.09E-02	-2.87E-02	6.74E-03	0	6.74E-03	4.09E-02	-3.41E-02		
COURSE GRID	390500.0	3736500.0	1.25E-02	2.87E-02	-1.62E-02	6.89E-03	0	6.89E-03	2.87E-02	-2.18E-02		
COURSE GRID	391000.0	3736500.0	1.27E-02	2.13E-02	-8.61E-03	7.04E-03	0	7.04E-03	2.13E-02	-1.43E-02		
COURSE GRID	391500.0	3736500.0	1.30E-02	1.67E-02	-3.65E-03	7.21E-03	0	7.21E-03	1.67E-02	-9.44E-03		
COURSE GRID	392000.0	3736500.0	1.31E-02	1.36E-02	-4.80E-04	7.32E-03	0	7.32E-03	1.36E-02	-6.26E-03		
COURSE GRID	392500.0	3736500.0	1.28E-02	1.09E-02	1.86E-03	7.19E-03	0	7.19E-03	1.09E-02	-3.75E-03		
COURSE GRID	393000.0	3736500.0	1.28E-02	9.41E-03	3.39E-03	7.18E-03	0	7.18E-03	9.41E-03	-2.23E-03		
COURSE GRID	393500.0	3736500.0	1.27E-02	8.26E-03	4.44E-03	7.12E-03	0	7.12E-03	8.26E-03	-1.14E-03		
COURSE GRID	377000.0	3737000.0	3.84E-03	3.19E-03	6.47E-04	1.95E-03	0	1.95E-03	3.19E-03	-1.24E-03		
COURSE GRID	377500.0	3737000.0	4.22E-03	3.79E-03	4.27E-04	2.11E-03	0	2.11E-03	3.79E-03	-1.68E-03		
COURSE GRID	378000.0	3737000.0	4.74E-03	5.20E-03	-4.57E-04	2.32E-03	0	2.32E-03	5.20E-03	-2.88E-03		
COURSE GRID	378500.0	3737000.0	4.81E-03	6.06E-03	-1.25E-03	2.35E-03	0	2.35E-03	6.06E-03	-3.71E-03		
COURSE GRID	379000.0	3737000.0	4.84E-03	7.48E-03	-2.64E-03	2.37E-03	0	2.37E-03	7.48E-03	-5.11E-03		
COURSE GRID	379500.0	3737000.0	5.02E-03	9.02E-03	-4.00E-03	2.45E-03	0	2.45E-03	9.02E-03	-6.57E-03		
COURSE GRID	380000.0	3737000.0	5.33E-03	1.05E-02	-5.15E-03	2.60E-03	0	2.60E-03	1.05E-02	-7.88E-03		
COURSE GRID	380500.0	3737000.0	5.52E-03	1.20E-02	-6.45E-03	2.72E-03	0	2.72E-03	1.20E-02	-9.25E-03		
COURSE GRID	381000.0	3737000.0	5.80E-03	1.43E-02	-8.45E-03	2.89E-03	0	2.89E-03	1.43E-02	-1.14E-02		
COURSE GRID	381500.0	3737000.0	6.12E-03	1.85E-02	-1.23E-02	3.06E-03	0	3.06E-03	1.85E-02	-1.54E-02		
COURSE GRID	382000.0	3737000.0	6.23E-03	2.39E-02	-1.76E-02	3.11E-03	0	3.11E-03	2.39E-02	-2.07E-02		
COURSE GRID	382500.0	3737000.0	6.26E-03	3.83E-02	-3.20E-02	3.15E-03	0	3.15E-03	3.83E-02	-3.51E-02		
COURSE GRID	383000.0	3737000.0	6.47E-03	1.15E-01	-1.09E-01	3.26E-03	0	3.26E-03	1.15E-01	-1.12E-01		
COURSE GRID	383500.0	3737000.0	6.86E-03	2.81E+00	-2.81E+00	3.48E-03	0	3.48E-03	2.81E+00	-2.81E+00		
COURSE GRID	384000.0	3737000.0	7.34E-03	1.15E-01	-1.08E-01	3.77E-03	0	3.77E-03	1.15E-01	-1.11E-01		
COURSE GRID	384500.0	3737000.0	7.82E-03	4.71E-02	-3.93E-02	4.05E-03	0	4.05E-03	4.71E-02	-4.31E-02		
COURSE GRID	385000.0	3737000.0	8.40E-03	3.01E-02	-2.17E-02	4.40E-03	0	4.40E-03	3.01E-02	-2.57E-02		
COURSE GRID	385500.0	3737000.0	9.01E-03	2.37E-02	-1.47E-02	4.76E-03	0	4.76E-03	2.37E-02	-1.90E-02		
COURSE GRID	386000.0	3737000.0	9.54E-03	2.63E-02	-1.67E-02	5.09E-03	0	5.09E-03	2.63E-02	-2.12E-02		
COURSE GRID	386500.0	3737000.0	9.76E-03	3.99E-02	-3.01E-02	5.22E-03	0	5.22E-03	3.99E-02	-3.46E-02		
COURSE GRID	387000.0	3737000.0	1.01E-02	1.11E-01	-1.01E-01	5.42E-03	0	5.42E-03	1.11E-01	-1.05E-01		
COURSE GRID	387500.0	3737000.0	1.04E-02	2.50E-01	-2.39E-01	5.61E-03	0	5.61E-03	2.50E-01	-2.44E-01		
COURSE GRID	388000.0	3737000.0	1.07E-02	2.03E-01	-1.92E-01	5.82E-03	0	5.82E-03	2.03E-01	-1.97E-01		
COURSE GRID	388500.0	3737000.0	1.10E-02	1.17E-01	-1.06E-01	5.97E-03	0	5.97E-03	1.17E-01	-1.11E-01		
COURSE GRID	389000.0	3737000.0	1.09E-02	6.88E-02	-5.79E-02	5.93E-03	0	5.93E-03	6.88E-02	-6.29E-02		
COURSE GRID	389500.0	3737000.0	1.08E-02	4.01E-02	-2.93E-02	5.89E-03	0	5.89E-03	4.01E-02	-3.42E-02		

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	390000.0	3737000.0	1.08E-02	0	1.08E-02	2.61E-02	-1.53E-02	5.91E-03	0	5.91E-03	2.61E-02	-2.02E-02
COURSE GRID	390500.0	3737000.0	1.09E-02	0	1.09E-02	1.87E-02	-7.84E-03	5.94E-03	0	5.94E-03	1.87E-02	-1.28E-02
COURSE GRID	391000.0	3737000.0	1.09E-02	0	1.09E-02	1.45E-02	-3.63E-03	5.99E-03	0	5.99E-03	1.45E-02	-8.54E-03
COURSE GRID	391500.0	3737000.0	1.10E-02	0	1.10E-02	1.19E-02	-8.60E-04	6.08E-03	0	6.08E-03	1.19E-02	-5.78E-03
COURSE GRID	392000.0	3737000.0	1.12E-02	0	1.12E-02	1.00E-02	1.18E-03	6.20E-03	0	6.20E-03	1.00E-02	-3.82E-03
COURSE GRID	392500.0	3737000.0	1.14E-02	0	1.14E-02	8.76E-03	2.65E-03	6.32E-03	0	6.32E-03	8.76E-03	-2.43E-03
COURSE GRID	393000.0	3737000.0	1.15E-02	0	1.15E-02	7.80E-03	3.70E-03	6.40E-03	0	6.40E-03	7.80E-03	-1.40E-03
COURSE GRID	393500.0	3737000.0	1.15E-02	0	1.15E-02	6.99E-03	4.51E-03	6.42E-03	0	6.42E-03	6.99E-03	-5.74E-04
COURSE GRID	377000.0	3737500.0	3.99E-03	0	3.99E-03	3.32E-03	6.73E-04	1.97E-03	0	1.97E-03	3.32E-03	-1.35E-03
COURSE GRID	377500.0	3737500.0	4.24E-03	0	4.24E-03	4.00E-03	2.40E-04	2.08E-03	0	2.08E-03	4.00E-03	-1.92E-03
COURSE GRID	378000.0	3737500.0	4.46E-03	0	4.46E-03	5.07E-03	-6.07E-04	2.17E-03	0	2.17E-03	5.07E-03	-2.90E-03
COURSE GRID	378500.0	3737500.0	4.42E-03	0	4.42E-03	5.58E-03	-1.16E-03	2.14E-03	0	2.14E-03	5.58E-03	-3.44E-03
COURSE GRID	379000.0	3737500.0	4.45E-03	0	4.45E-03	6.04E-03	-1.58E-03	2.15E-03	0	2.15E-03	6.04E-03	-3.88E-03
COURSE GRID	379500.0	3737500.0	4.72E-03	0	4.72E-03	7.02E-03	-2.29E-03	2.27E-03	0	2.27E-03	7.02E-03	-4.74E-03
COURSE GRID	380000.0	3737500.0	5.02E-03	0	5.02E-03	9.09E-03	-4.07E-03	2.44E-03	0	2.44E-03	9.09E-03	-6.65E-03
COURSE GRID	380500.0	3737500.0	5.23E-03	0	5.23E-03	1.08E-02	-5.54E-03	2.58E-03	0	2.58E-03	1.08E-02	-8.19E-03
COURSE GRID	381000.0	3737500.0	5.44E-03	0	5.44E-03	1.37E-02	-8.23E-03	2.70E-03	0	2.70E-03	1.37E-02	-1.10E-02
COURSE GRID	381500.0	3737500.0	5.58E-03	0	5.58E-03	1.75E-02	-1.19E-02	2.78E-03	0	2.78E-03	1.75E-02	-1.47E-02
COURSE GRID	382000.0	3737500.0	5.72E-03	0	5.72E-03	2.52E-02	-1.95E-02	2.85E-03	0	2.85E-03	2.52E-02	-2.23E-02
COURSE GRID	382500.0	3737500.0	5.80E-03	0	5.80E-03	4.97E-02	-4.39E-02	2.90E-03	0	2.90E-03	4.97E-02	-4.68E-02
COURSE GRID	383000.0	3737500.0	6.00E-03	0	6.00E-03	1.70E-01	-1.64E-01	3.01E-03	0	3.01E-03	1.70E-01	-1.67E-01
COURSE GRID	383500.0	3737500.0	6.34E-03	0	6.34E-03	7.05E-02	-6.42E-02	3.20E-03	0	3.20E-03	7.05E-02	-6.73E-02
COURSE GRID	384000.0	3737500.0	6.75E-03	0	6.75E-03	2.93E-02	-2.26E-02	3.44E-03	0	3.44E-03	2.93E-02	-2.59E-02
COURSE GRID	384500.0	3737500.0	7.13E-03	0	7.13E-03	2.63E-02	-1.92E-02	3.67E-03	0	3.67E-03	2.63E-02	-2.27E-02
COURSE GRID	385000.0	3737500.0	7.63E-03	0	7.63E-03	2.48E-02	-1.71E-02	3.96E-03	0	3.96E-03	2.48E-02	-2.08E-02
COURSE GRID	385500.0	3737500.0	8.13E-03	0	8.13E-03	2.61E-02	-1.80E-02	4.25E-03	0	4.25E-03	2.61E-02	-2.19E-02
COURSE GRID	386000.0	3737500.0	8.62E-03	0	8.62E-03	3.49E-02	-2.63E-02	4.56E-03	0	4.56E-03	3.49E-02	-3.03E-02
COURSE GRID	386500.0	3737500.0	8.98E-03	0	8.98E-03	6.61E-02	-5.71E-02	4.77E-03	0	4.77E-03	6.61E-02	-6.14E-02
COURSE GRID	387000.0	3737500.0	9.20E-03	0	9.20E-03	2.68E+00	-2.68E+00	4.89E-03	0	4.89E-03	2.68E+00	-2.68E+00
COURSE GRID	387500.0	3737500.0	9.41E-03	0	9.41E-03	2.69E-01	-2.60E-01	5.02E-03	0	5.02E-03	2.69E-01	-2.64E-01
COURSE GRID	388000.0	3737500.0	9.71E-03	0	9.71E-03	1.91E-01	-1.82E-01	5.20E-03	0	5.20E-03	1.91E-01	-1.86E-01
COURSE GRID	388500.0	3737500.0	9.98E-03	0	9.98E-03	7.23E-02	-6.23E-02	5.37E-03	0	5.37E-03	7.23E-02	-6.69E-02
COURSE GRID	389000.0	3737500.0	9.98E-03	0	9.98E-03	3.60E-02	-2.60E-02	5.41E-03	0	5.41E-03	3.60E-02	-3.06E-02
COURSE GRID	389500.0	3737500.0	9.90E-03	0	9.90E-03	2.32E-02	-1.33E-02	5.36E-03	0	5.36E-03	2.32E-02	-1.78E-02
COURSE GRID	390000.0	3737500.0	9.86E-03	0	9.86E-03	1.70E-02	-7.10E-03	5.33E-03	0	5.33E-03	1.70E-02	-1.16E-02
COURSE GRID	390500.0	3737500.0	9.85E-03	0	9.85E-03	1.35E-02	-3.60E-03	5.34E-03	0	5.34E-03	1.35E-02	-8.11E-03
COURSE GRID	391000.0	3737500.0	9.88E-03	0	9.88E-03	1.12E-02	-1.28E-03	5.37E-03	0	5.37E-03	1.12E-02	-5.79E-03
COURSE GRID	391500.0	3737500.0	9.91E-03	0	9.91E-03	9.55E-03	3.60E-04	5.40E-03	0	5.40E-03	9.55E-03	-4.15E-03
COURSE GRID	392000.0	3737500.0	1.00E-02	0	1.00E-02	8.40E-03	1.60E-03	5.47E-03	0	5.47E-03	8.40E-03	-2.93E-03
COURSE GRID	392500.0	3737500.0	1.01E-02	0	1.01E-02	7.49E-03	2.61E-03	5.56E-03	0	5.56E-03	7.49E-03	-1.93E-03

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE
COURSE GRID	393000.0	3737500.0	1.03E-02	0	1.03E-02	6.76E-03	3.55E-03	5.66E-03	0	6.76E-03	-1.09E-03
COURSE GRID	393500.0	3737500.0	1.04E-02	0	1.04E-02	6.14E-03	4.26E-04	5.73E-03	0	6.14E-03	-4.12E-04
COURSE GRID	377000.0	3738000.0	3.86E-03	0	3.86E-03	3.51E-03	3.48E-04	1.90E-03	0	3.51E-03	-1.61E-03
COURSE GRID	377500.0	3738000.0	3.95E-03	0	3.95E-03	4.03E-03	-7.77E-05	1.93E-03	0	4.03E-03	-2.10E-03
COURSE GRID	378000.0	3738000.0	3.97E-03	0	3.97E-03	4.51E-03	-5.37E-04	1.92E-03	0	4.51E-03	-2.59E-03
COURSE GRID	378500.0	3738000.0	3.92E-03	0	3.92E-03	4.58E-03	-6.64E-04	1.89E-03	0	4.58E-03	-2.69E-03
COURSE GRID	379000.0	3738000.0	4.24E-03	0	4.24E-03	5.82E-03	-1.57E-03	2.03E-03	0	5.82E-03	-3.78E-03
COURSE GRID	379500.0	3738000.0	4.64E-03	0	4.64E-03	8.05E-03	-3.41E-03	2.24E-03	0	8.05E-03	-5.81E-03
COURSE GRID	380000.0	3738000.0	4.95E-03	0	4.95E-03	9.97E-03	-5.02E-03	2.42E-03	0	9.97E-03	-7.55E-03
COURSE GRID	380500.0	3738000.0	4.96E-03	0	4.96E-03	1.06E-02	-5.66E-03	2.44E-03	0	1.06E-02	-8.18E-03
COURSE GRID	381000.0	3738000.0	5.17E-03	0	5.17E-03	1.37E-02	-8.56E-03	2.55E-03	0	2.55E-03	-1.12E-02
COURSE GRID	381500.0	3738000.0	5.21E-03	0	5.21E-03	1.81E-02	-1.29E-02	2.58E-03	0	1.81E-02	-1.55E-02
COURSE GRID	382000.0	3738000.0	5.30E-03	0	5.30E-03	2.96E-02	-2.43E-02	2.63E-03	0	2.96E-02	-2.69E-02
COURSE GRID	382500.0	3738000.0	5.39E-03	0	5.39E-03	5.18E-02	-4.64E-02	2.68E-03	0	5.18E-02	-4.91E-02
COURSE GRID	383000.0	3738000.0	5.59E-03	0	5.59E-03	5.45E-02	-4.89E-02	2.79E-03	0	5.45E-02	-5.17E-02
COURSE GRID	383500.0	3738000.0	5.89E-03	0	5.89E-03	3.32E-02	-2.73E-02	2.95E-03	0	3.32E-02	-3.02E-02
COURSE GRID	384000.0	3738000.0	6.24E-03	0	6.24E-03	1.91E-02	-1.28E-02	3.17E-03	0	1.91E-02	-1.59E-02
COURSE GRID	384500.0	3738000.0	6.54E-03	0	6.54E-03	1.99E-02	-1.33E-02	3.35E-03	0	1.99E-02	-1.65E-02
COURSE GRID	385000.0	3738000.0	6.99E-03	0	6.99E-03	2.03E-02	-1.33E-02	3.61E-03	0	2.03E-02	-1.67E-02
COURSE GRID	385500.0	3738000.0	7.43E-03	0	7.43E-03	2.70E-02	-1.95E-02	3.85E-03	0	2.70E-02	-2.31E-02
COURSE GRID	386000.0	3738000.0	7.86E-03	0	7.86E-03	4.65E-02	-3.87E-02	4.12E-03	0	4.65E-02	-4.24E-02
COURSE GRID	386500.0	3738000.0	8.19E-03	0	8.19E-03	1.80E-01	-1.72E-01	4.32E-03	0	1.80E-01	-1.76E-01
COURSE GRID	387000.0	3738000.0	8.42E-03	0	8.42E-03	1.45E-01	-1.36E-01	4.45E-03	0	1.45E-01	-1.40E-01
COURSE GRID	387500.0	3738000.0	8.56E-03	0	8.56E-03	2.33E-01	-2.25E-01	4.54E-03	0	2.33E-01	-2.29E-01
COURSE GRID	388000.0	3738000.0	8.81E-03	0	8.81E-03	4.81E-02	-3.93E-02	4.68E-03	0	4.81E-02	-4.34E-02
COURSE GRID	388500.0	3738000.0	8.92E-03	0	8.92E-03	2.76E-02	-1.87E-02	4.76E-03	0	2.76E-02	-2.29E-02
COURSE GRID	389000.0	3738000.0	9.13E-03	0	9.13E-03	1.90E-02	-9.87E-03	4.90E-03	0	4.90E-03	-1.41E-02
COURSE GRID	389500.0	3738000.0	9.14E-03	0	9.14E-03	1.44E-02	-5.29E-03	4.93E-03	0	1.44E-02	-9.50E-03
COURSE GRID	390000.0	3738000.0	9.10E-03	0	9.10E-03	1.17E-02	-2.63E-03	4.89E-03	0	1.17E-02	-6.84E-03
COURSE GRID	390500.0	3738000.0	9.06E-03	0	9.06E-03	9.94E-03	-8.80E-04	4.87E-03	0	9.94E-03	-5.07E-03
COURSE GRID	391000.0	3738000.0	9.07E-03	0	9.07E-03	8.63E-03	4.40E-04	4.89E-03	0	8.63E-03	-3.74E-03
COURSE GRID	391500.0	3738000.0	9.10E-03	0	9.10E-03	7.66E-03	1.44E-03	4.92E-03	0	7.66E-03	-2.74E-03
COURSE GRID	392000.0	3738000.0	9.13E-03	0	9.13E-03	6.90E-03	2.23E-03	4.95E-03	0	6.90E-03	-1.95E-03
COURSE GRID	392500.0	3738000.0	9.18E-03	0	9.18E-03	6.26E-03	2.92E-03	4.98E-03	0	6.26E-03	-1.28E-03
COURSE GRID	393000.0	3738000.0	9.24E-03	0	9.24E-03	5.72E-03	3.52E-03	5.04E-03	0	5.04E-03	-6.81E-04
COURSE GRID	393500.0	3738000.0	9.37E-03	0	9.37E-03	5.32E-03	4.05E-03	5.13E-03	0	5.32E-03	-1.87E-04
COURSE GRID	377000.0	3738500.0	3.65E-03	0	3.65E-03	3.39E-03	2.60E-04	1.78E-03	0	3.39E-03	-1.61E-03
COURSE GRID	377500.0	3738500.0	3.80E-03	0	3.80E-03	4.27E-03	-4.67E-04	1.82E-03	0	4.27E-03	-2.45E-03
COURSE GRID	378000.0	3738500.0	3.75E-03	0	3.75E-03	4.35E-03	-5.97E-04	1.79E-03	0	4.35E-03	-2.56E-03
COURSE GRID	378500.0	3738500.0	3.94E-03	0	3.94E-03	5.27E-03	-1.33E-03	1.87E-03	0	5.27E-03	-3.40E-03

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION				PROPOSE PROJECT - WITH MITIGATION				
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
			IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE	IMPACT
COURSE GRID	379000.0	3738500.0	4.17E-03	5.90E-03	4.17E-03	-1.73E-03	1.99E-03	1.99E-03	5.90E-03	1.99E-03	-3.91E-03
COURSE GRID	379500.0	3738500.0	4.40E-03	7.37E-03	4.40E-03	-2.96E-03	2.12E-03	2.12E-03	7.37E-03	2.12E-03	-5.24E-03
COURSE GRID	380000.0	3738500.0	4.66E-03	9.44E-03	4.66E-03	-4.78E-03	2.28E-03	2.28E-03	9.44E-03	2.28E-03	-7.16E-03
COURSE GRID	380500.0	3738500.0	4.82E-03	1.14E-02	4.82E-03	-6.54E-03	2.36E-03	2.36E-03	1.14E-02	2.36E-03	-9.00E-03
COURSE GRID	381000.0	3738500.0	4.91E-03	1.48E-02	4.91E-03	-9.93E-03	2.41E-03	2.41E-03	1.48E-02	2.41E-03	-1.24E-02
COURSE GRID	381500.0	3738500.0	4.88E-03	2.03E-02	4.88E-03	-1.54E-02	2.40E-03	2.40E-03	2.03E-02	2.40E-03	-1.79E-02
COURSE GRID	382000.0	3738500.0	4.95E-03	2.88E-02	4.95E-03	-2.38E-02	2.44E-03	2.44E-03	2.88E-02	2.44E-03	-2.64E-02
COURSE GRID	382500.0	3738500.0	5.02E-03	3.11E-02	5.02E-03	-2.61E-02	2.48E-03	2.48E-03	3.11E-02	2.48E-03	-2.86E-02
COURSE GRID	383000.0	3738500.0	5.21E-03	2.96E-02	5.21E-03	-2.44E-02	2.59E-03	2.59E-03	2.96E-02	2.59E-03	-2.70E-02
COURSE GRID	383500.0	3738500.0	5.49E-03	2.32E-02	5.49E-03	-1.77E-02	2.74E-03	2.74E-03	2.32E-02	2.74E-03	-2.05E-02
COURSE GRID	384000.0	3738500.0	5.80E-03	2.03E-02	5.80E-03	-1.45E-02	2.93E-03	2.93E-03	2.03E-02	2.93E-03	-1.74E-02
COURSE GRID	384500.0	3738500.0	6.04E-03	1.78E-02	6.04E-03	-1.18E-02	3.07E-03	3.07E-03	1.78E-02	3.07E-03	-1.48E-02
COURSE GRID	385000.0	3738500.0	6.41E-03	2.18E-02	6.41E-03	-1.54E-02	3.29E-03	3.29E-03	2.18E-02	3.29E-03	-1.85E-02
COURSE GRID	385500.0	3738500.0	6.79E-03	3.22E-02	6.79E-03	-2.54E-02	3.51E-03	3.51E-03	3.22E-02	3.51E-03	-2.87E-02
COURSE GRID	386000.0	3738500.0	7.18E-03	6.12E-02	7.18E-03	-5.40E-02	3.73E-03	3.73E-03	6.12E-02	3.73E-03	-5.74E-02
COURSE GRID	386500.0	3738500.0	7.54E-03	8.03E-02	7.54E-03	-7.28E-02	3.95E-03	3.95E-03	8.03E-02	3.95E-03	-7.64E-02
COURSE GRID	387000.0	3738500.0	7.77E-03	7.55E-02	7.77E-03	-6.77E-02	4.08E-03	4.08E-03	7.55E-02	4.08E-03	-7.14E-02
COURSE GRID	387500.0	3738500.0	7.91E-03	3.45E-02	7.91E-03	-2.66E-02	4.17E-03	4.17E-03	3.45E-02	4.17E-03	-3.03E-02
COURSE GRID	388000.0	3738500.0	8.03E-03	1.84E-02	8.03E-03	-1.04E-02	4.24E-03	4.24E-03	1.84E-02	4.24E-03	-1.42E-02
COURSE GRID	388500.0	3738500.0	8.22E-03	1.25E-02	8.22E-03	-4.26E-03	4.35E-03	4.35E-03	1.25E-02	4.35E-03	-8.13E-03
COURSE GRID	389000.0	3738500.0	8.35E-03	1.17E-02	8.35E-03	-3.35E-03	4.44E-03	4.44E-03	1.17E-02	4.44E-03	-7.26E-03
COURSE GRID	389500.0	3738500.0	8.46E-03	1.04E-02	8.46E-03	-1.92E-03	4.53E-03	4.53E-03	1.04E-02	4.53E-03	-5.85E-03
COURSE GRID	390000.0	3738500.0	8.47E-03	9.16E-03	8.47E-03	-6.93E-04	4.55E-03	4.55E-03	9.16E-03	4.55E-03	-4.61E-03
COURSE GRID	390500.0	3738500.0	8.44E-03	8.05E-03	8.44E-03	3.87E-04	4.51E-03	4.51E-03	8.05E-03	4.51E-03	-3.54E-03
COURSE GRID	391000.0	3738500.0	8.41E-03	7.10E-03	8.41E-03	1.31E-03	4.50E-03	4.50E-03	7.10E-03	4.50E-03	-2.60E-03
COURSE GRID	391500.0	3738500.0	8.43E-03	6.36E-03	8.43E-03	2.07E-03	4.52E-03	4.52E-03	6.36E-03	4.52E-03	-1.84E-03
COURSE GRID	392000.0	3738500.0	8.45E-03	5.80E-03	8.45E-03	2.65E-03	4.55E-03	4.55E-03	5.80E-03	4.55E-03	-1.25E-03
COURSE GRID	392500.0	3738500.0	8.47E-03	5.35E-03	8.47E-03	3.12E-03	4.56E-03	4.56E-03	5.35E-03	4.56E-03	-7.86E-04
COURSE GRID	393000.0	3738500.0	8.48E-03	4.92E-03	8.48E-03	3.57E-03	4.58E-03	4.58E-03	4.92E-03	4.58E-03	-3.35E-04
COURSE GRID	393500.0	3738500.0	8.56E-03	4.64E-03	8.56E-03	3.92E-03	4.64E-03	4.64E-03	4.64E-03	4.64E-03	2.09E-06
COURSE GRID	377000.0	3739000.0	3.65E-03	4.39E-03	3.65E-03	-7.44E-04	1.75E-03	1.75E-03	4.39E-03	1.75E-03	-2.64E-03
COURSE GRID	377500.0	3739000.0	3.71E-03	5.16E-03	3.71E-03	-1.45E-03	1.77E-03	1.77E-03	5.16E-03	1.77E-03	-3.39E-03
COURSE GRID	378000.0	3739000.0	3.68E-03	5.23E-03	3.68E-03	-1.55E-03	1.75E-03	1.75E-03	5.23E-03	1.75E-03	-3.48E-03
COURSE GRID	378500.0	3739000.0	3.88E-03	5.59E-03	3.88E-03	-1.71E-03	1.84E-03	1.84E-03	5.59E-03	1.84E-03	-3.75E-03
COURSE GRID	379000.0	3739000.0	4.08E-03	6.33E-03	4.08E-03	-2.25E-03	1.95E-03	1.95E-03	6.33E-03	1.95E-03	-4.38E-03
COURSE GRID	379500.0	3739000.0	4.26E-03	7.98E-03	4.26E-03	-3.72E-03	2.07E-03	2.07E-03	7.98E-03	2.07E-03	-5.91E-03
COURSE GRID	380000.0	3739000.0	4.50E-03	9.91E-03	4.50E-03	-5.41E-03	2.19E-03	2.19E-03	9.91E-03	2.19E-03	-7.72E-03
COURSE GRID	380500.0	3739000.0	4.55E-03	1.21E-02	4.55E-03	-7.56E-03	2.22E-03	2.22E-03	1.21E-02	2.22E-03	-9.89E-03
COURSE GRID	381000.0	3739000.0	4.60E-03	1.57E-02	4.60E-03	-1.11E-02	2.25E-03	2.25E-03	1.57E-02	2.25E-03	-1.35E-02
COURSE GRID	381500.0	3739000.0	4.63E-03	1.98E-02	4.63E-03	-1.52E-02	2.27E-03	2.27E-03	1.98E-02	2.27E-03	-1.75E-02

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION				PROPOSE PROJECT - WITH MITIGATION				
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	382000.0	3739000.0	4.66E-03	0	4.66E-03	2.16E-02	-1.70E-02	2.29E-03	2.16E-02	-1.94E-02	
COURSE GRID	382500.0	3739000.0	4.69E-03	0	4.69E-03	2.17E-02	-1.70E-02	2.31E-03	2.17E-02	-1.94E-02	
COURSE GRID	383000.0	3739000.0	4.87E-03	0	4.87E-03	2.07E-02	-1.58E-02	2.41E-03	2.07E-02	-1.83E-02	
COURSE GRID	383500.0	3739000.0	5.12E-03	0	5.12E-03	1.89E-02	-1.38E-02	2.54E-03	1.89E-02	-1.64E-02	
COURSE GRID	384000.0	3739000.0	5.39E-03	0	5.39E-03	1.77E-02	-1.23E-02	2.71E-03	1.77E-02	-1.50E-02	
COURSE GRID	384500.0	3739000.0	5.60E-03	0	5.60E-03	1.89E-02	-1.33E-02	2.84E-03	1.89E-02	-1.61E-02	
COURSE GRID	385000.0	3739000.0	5.90E-03	0	5.90E-03	2.39E-02	-1.80E-02	3.01E-03	2.39E-02	-2.09E-02	
COURSE GRID	385500.0	3739000.0	6.28E-03	0	6.28E-03	3.58E-02	-2.95E-02	3.22E-03	3.58E-02	-3.26E-02	
COURSE GRID	386000.0	3739000.0	6.59E-03	0	6.59E-03	4.36E-02	-3.70E-02	3.41E-03	4.36E-02	-4.02E-02	
COURSE GRID	386500.0	3739000.0	6.89E-03	0	6.89E-03	4.55E-02	-3.86E-02	3.60E-03	4.55E-02	-4.19E-02	
COURSE GRID	387000.0	3739000.0	7.16E-03	0	7.16E-03	3.53E-02	-2.81E-02	3.75E-03	3.53E-02	-3.15E-02	
COURSE GRID	387500.0	3739000.0	7.32E-03	0	7.32E-03	2.25E-02	-1.52E-02	3.84E-03	2.25E-02	-1.87E-02	
COURSE GRID	388000.0	3739000.0	7.44E-03	0	7.44E-03	1.21E-02	-4.61E-03	3.91E-03	1.21E-02	-8.14E-03	
COURSE GRID	388500.0	3739000.0	7.54E-03	0	7.54E-03	1.00E-02	-2.47E-03	3.97E-03	1.00E-02	-6.04E-03	
COURSE GRID	389000.0	3739000.0	7.73E-03	0	7.73E-03	8.06E-03	-3.25E-04	4.07E-03	8.06E-03	-3.98E-03	
COURSE GRID	389500.0	3739000.0	7.82E-03	0	7.82E-03	6.53E-03	1.29E-03	4.15E-03	6.53E-03	-2.38E-03	
COURSE GRID	390000.0	3739000.0	7.91E-03	0	7.91E-03	6.51E-03	1.40E-03	4.22E-03	6.51E-03	-2.29E-03	
COURSE GRID	390500.0	3739000.0	7.92E-03	0	7.92E-03	6.27E-03	1.65E-03	4.23E-03	6.27E-03	-2.04E-03	
COURSE GRID	391000.0	3739000.0	7.88E-03	0	7.88E-03	5.93E-03	1.96E-03	4.19E-03	5.93E-03	-1.73E-03	
COURSE GRID	391500.0	3739000.0	7.88E-03	0	7.88E-03	5.65E-03	2.23E-03	4.19E-03	5.65E-03	-1.46E-03	
COURSE GRID	392000.0	3739000.0	7.88E-03	0	7.88E-03	5.32E-03	2.56E-03	4.20E-03	5.32E-03	-1.12E-03	
COURSE GRID	392500.0	3739000.0	7.87E-03	0	7.87E-03	4.94E-03	2.93E-03	4.21E-03	4.94E-03	-7.33E-04	
COURSE GRID	393000.0	3739000.0	7.79E-03	0	7.79E-03	4.39E-03	3.40E-03	4.18E-03	4.39E-03	-2.10E-04	
COURSE GRID	393500.0	3739000.0	7.76E-03	0	7.76E-03	4.00E-03	3.76E-03	4.16E-03	4.00E-03	1.64E-04	
COURSE GRID	377000.0	3739500.0	3.41E-03	0	3.41E-03	4.28E-03	-8.73E-04	1.62E-03	4.28E-03	-2.66E-03	
COURSE GRID	377500.0	3739500.0	3.45E-03	0	3.45E-03	4.67E-03	-1.21E-03	1.63E-03	4.67E-03	-3.03E-03	
COURSE GRID	378000.0	3739500.0	3.61E-03	0	3.61E-03	5.27E-03	-1.66E-03	1.71E-03	5.27E-03	-3.56E-03	
COURSE GRID	378500.0	3739500.0	3.81E-03	0	3.81E-03	5.94E-03	-2.13E-03	1.81E-03	5.94E-03	-4.13E-03	
COURSE GRID	379000.0	3739500.0	3.96E-03	0	3.96E-03	7.00E-03	-3.04E-03	1.90E-03	7.00E-03	-5.10E-03	
COURSE GRID	379500.0	3739500.0	4.10E-03	0	4.10E-03	8.46E-03	-4.36E-03	1.99E-03	8.46E-03	-6.47E-03	
COURSE GRID	380000.0	3739500.0	4.21E-03	0	4.21E-03	9.85E-03	-5.64E-03	2.04E-03	9.85E-03	-7.81E-03	
COURSE GRID	380500.0	3739500.0	4.36E-03	0	4.36E-03	1.27E-02	-8.36E-03	2.11E-03	1.27E-02	-1.06E-02	
COURSE GRID	381000.0	3739500.0	4.38E-03	0	4.38E-03	1.51E-02	-1.07E-02	2.13E-03	1.51E-02	-1.29E-02	
COURSE GRID	381500.0	3739500.0	4.34E-03	0	4.34E-03	1.64E-02	-1.21E-02	2.11E-03	1.64E-02	-1.43E-02	
COURSE GRID	382000.0	3739500.0	4.40E-03	0	4.40E-03	1.66E-02	-1.22E-02	2.15E-03	1.66E-02	-1.45E-02	
COURSE GRID	382500.0	3739500.0	4.43E-03	0	4.43E-03	1.70E-02	-1.26E-02	2.17E-03	1.70E-02	-1.48E-02	
COURSE GRID	383000.0	3739500.0	4.58E-03	0	4.58E-03	1.65E-02	-1.19E-02	2.25E-03	1.65E-02	-1.42E-02	
COURSE GRID	383500.0	3739500.0	4.80E-03	0	4.80E-03	1.68E-02	-1.20E-02	2.37E-03	1.68E-02	-1.44E-02	
COURSE GRID	384000.0	3739500.0	5.05E-03	0	5.05E-03	1.72E-02	-1.21E-02	2.53E-03	1.72E-02	-1.46E-02	
COURSE GRID	384500.0	3739500.0	5.22E-03	0	5.22E-03	2.07E-02	-1.55E-02	2.63E-03	2.07E-02	-1.81E-02	

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION				PROPOSE PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	385000.0	3739500.0	5.45E-03	0	5.45E-03	2.43E-02	-1.89E-02	2.77E-03	2.43E-02	-2.16E-02		
COURSE GRID	385500.0	3739500.0	5.77E-03	0	5.77E-03	2.88E-02	-2.31E-02	2.96E-03	2.88E-02	-2.59E-02		
COURSE GRID	386000.0	3739500.0	6.10E-03	0	6.10E-03	3.05E-02	-2.44E-02	3.13E-03	3.05E-02	-2.73E-02		
COURSE GRID	386500.0	3739500.0	6.35E-03	0	6.35E-03	2.74E-02	-2.10E-02	3.29E-03	2.74E-02	-2.41E-02		
COURSE GRID	387000.0	3739500.0	6.63E-03	0	6.63E-03	2.21E-02	-1.55E-02	3.45E-03	2.21E-02	-1.87E-02		
COURSE GRID	387500.0	3739500.0	6.79E-03	0	6.79E-03	1.52E-02	-8.40E-03	3.55E-03	1.52E-02	-1.16E-02		
COURSE GRID	388000.0	3739500.0	6.91E-03	0	6.91E-03	1.05E-02	-3.56E-03	3.62E-03	1.05E-02	-6.85E-03		
COURSE GRID	388500.0	3739500.0	6.95E-03	0	6.95E-03	6.88E-03	7.31E-05	3.65E-03	6.88E-03	-3.23E-03		
COURSE GRID	389000.0	3739500.0	7.13E-03	0	7.13E-03	7.01E-03	1.24E-04	3.74E-03	7.01E-03	-3.27E-03		
COURSE GRID	389500.0	3739500.0	7.29E-03	0	7.29E-03	6.04E-03	1.25E-03	3.83E-03	6.04E-03	-2.21E-03		
COURSE GRID	390000.0	3739500.0	7.37E-03	0	7.37E-03	4.94E-03	2.44E-03	3.90E-03	4.94E-03	-1.03E-03		
COURSE GRID	390500.0	3739500.0	7.45E-03	0	7.45E-03	4.60E-03	2.85E-03	3.96E-03	4.60E-03	-6.38E-04		
COURSE GRID	391000.0	3739500.0	7.45E-03	0	7.45E-03	4.64E-03	2.81E-03	3.96E-03	4.64E-03	-6.83E-04		
COURSE GRID	391500.0	3739500.0	7.43E-03	0	7.43E-03	4.59E-03	2.84E-03	3.94E-03	4.59E-03	-6.51E-04		
COURSE GRID	392000.0	3739500.0	7.38E-03	0	7.38E-03	4.41E-03	2.97E-03	3.91E-03	4.41E-03	-4.97E-04		
COURSE GRID	392500.0	3739500.0	7.23E-03	0	7.23E-03	4.01E-03	3.22E-03	3.84E-03	4.01E-03	-1.70E-04		
COURSE GRID	393000.0	3739500.0	7.14E-03	0	7.14E-03	3.80E-03	3.35E-03	3.80E-03	3.80E-03	5.09E-06		
COURSE GRID	393500.0	3739500.0	7.07E-03	0	7.07E-03	3.57E-03	3.50E-03	3.76E-03	3.57E-03	1.86E-04		
COURSE GRID	377000.0	3740000.0	3.24E-03	0	3.24E-03	4.34E-03	-1.10E-03	1.54E-03	4.34E-03	-2.80E-03		
COURSE GRID	377500.0	3740000.0	3.36E-03	0	3.36E-03	4.86E-03	-1.50E-03	1.59E-03	4.86E-03	-3.27E-03		
COURSE GRID	378000.0	3740000.0	3.54E-03	0	3.54E-03	5.40E-03	-1.86E-03	1.68E-03	5.40E-03	-3.72E-03		
COURSE GRID	378500.0	3740000.0	3.69E-03	0	3.69E-03	6.26E-03	-2.57E-03	1.76E-03	6.26E-03	-4.50E-03		
COURSE GRID	379000.0	3740000.0	3.78E-03	0	3.78E-03	7.19E-03	-3.40E-03	1.82E-03	7.19E-03	-5.36E-03		
COURSE GRID	379500.0	3740000.0	3.88E-03	0	3.88E-03	8.22E-03	-4.34E-03	1.88E-03	8.22E-03	-6.34E-03		
COURSE GRID	380000.0	3740000.0	4.00E-03	0	4.00E-03	1.05E-02	-6.48E-03	1.93E-03	1.05E-02	-8.55E-03		
COURSE GRID	380500.0	3740000.0	4.06E-03	0	4.06E-03	1.20E-02	-7.98E-03	1.97E-03	1.20E-02	-1.01E-02		
COURSE GRID	381000.0	3740000.0	4.10E-03	0	4.10E-03	1.30E-02	-8.93E-03	1.99E-03	1.30E-02	-1.10E-02		
COURSE GRID	381500.0	3740000.0	4.11E-03	0	4.11E-03	1.35E-02	-9.40E-03	1.99E-03	1.35E-02	-1.15E-02		
COURSE GRID	382000.0	3740000.0	4.15E-03	0	4.15E-03	1.40E-02	-9.83E-03	2.02E-03	1.40E-02	-1.20E-02		
COURSE GRID	382500.0	3740000.0	4.20E-03	0	4.20E-03	1.44E-02	-1.02E-02	2.05E-03	1.44E-02	-1.24E-02		
COURSE GRID	383000.0	3740000.0	4.34E-03	0	4.34E-03	1.47E-02	-1.04E-02	2.13E-03	1.47E-02	-1.26E-02		
COURSE GRID	383500.0	3740000.0	4.55E-03	0	4.55E-03	1.61E-02	-1.15E-02	2.24E-03	1.61E-02	-1.38E-02		
COURSE GRID	384000.0	3740000.0	4.76E-03	0	4.76E-03	1.71E-02	-1.23E-02	2.37E-03	1.71E-02	-1.47E-02		
COURSE GRID	384500.0	3740000.0	4.88E-03	0	4.88E-03	2.03E-02	-1.55E-02	2.45E-03	2.03E-02	-1.79E-02		
COURSE GRID	385000.0	3740000.0	5.09E-03	0	5.09E-03	2.17E-02	-1.66E-02	2.57E-03	2.17E-02	-1.91E-02		
COURSE GRID	385500.0	3740000.0	5.35E-03	0	5.35E-03	2.15E-02	-1.61E-02	2.73E-03	2.15E-02	-1.87E-02		
COURSE GRID	386000.0	3740000.0	5.65E-03	0	5.65E-03	2.17E-02	-1.61E-02	2.89E-03	2.17E-02	-1.88E-02		
COURSE GRID	386500.0	3740000.0	5.92E-03	0	5.92E-03	1.89E-02	-1.29E-02	3.05E-03	1.89E-02	-1.58E-02		
COURSE GRID	387000.0	3740000.0	6.16E-03	0	6.16E-03	1.59E-02	-9.74E-03	3.19E-03	1.59E-02	-1.27E-02		
COURSE GRID	387500.0	3740000.0	6.33E-03	0	6.33E-03	1.19E-02	-5.59E-03	3.29E-03	1.19E-02	-8.63E-03		

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	388000.0	3740000.0	6.46E-03	0	6.46E-03	9.51E-03	-3.05E-03	3.37E-03	0	3.37E-03	9.51E-03	-6.14E-03
COURSE GRID	388500.0	3740000.0	6.55E-03	0	6.55E-03	6.28E-03	2.75E-04	3.42E-03	0	3.42E-03	6.28E-03	-2.85E-03
COURSE GRID	389000.0	3740000.0	6.63E-03	0	6.63E-03	5.29E-03	1.34E-03	3.46E-03	0	3.46E-03	5.29E-03	-1.83E-03
COURSE GRID	389500.0	3740000.0	6.74E-03	0	6.74E-03	5.37E-03	1.37E-03	3.52E-03	0	3.52E-03	5.37E-03	-1.86E-03
COURSE GRID	390000.0	3740000.0	6.83E-03	0	6.83E-03	4.66E-03	2.18E-03	3.58E-03	0	3.58E-03	4.66E-03	-1.07E-03
COURSE GRID	390500.0	3740000.0	6.98E-03	0	6.98E-03	4.26E-03	2.72E-03	3.68E-03	0	3.68E-03	4.26E-03	-5.77E-04
COURSE GRID	391000.0	3740000.0	7.03E-03	0	7.03E-03	3.75E-03	3.28E-03	3.72E-03	0	3.72E-03	3.75E-03	-2.69E-05
COURSE GRID	391500.0	3740000.0	6.98E-03	0	6.98E-03	3.59E-03	3.39E-03	3.69E-03	0	3.69E-03	3.59E-03	1.02E-04
COURSE GRID	392000.0	3740000.0	6.76E-03	0	6.76E-03	3.33E-03	3.44E-03	3.57E-03	0	3.57E-03	3.33E-03	2.45E-04
COURSE GRID	392500.0	3740000.0	6.52E-03	0	6.52E-03	3.12E-03	3.40E-03	3.43E-03	0	3.43E-03	3.12E-03	3.14E-04
COURSE GRID	393000.0	3740000.0	6.59E-03	0	6.59E-03	2.96E-03	3.63E-03	3.48E-03	0	3.48E-03	2.96E-03	5.20E-04
COURSE GRID	393500.0	3740000.0	6.74E-03	0	6.74E-03	3.10E-03	3.64E-03	3.57E-03	0	3.57E-03	3.10E-03	4.71E-04
COURSE GRID	377000.0	3740500.0	3.14E-03	0	3.14E-03	4.49E-03	-1.35E-03	1.48E-03	0	1.48E-03	4.49E-03	-3.01E-03
COURSE GRID	377500.0	3740500.0	3.30E-03	0	3.30E-03	5.02E-03	-1.72E-03	1.56E-03	0	1.56E-03	5.02E-03	-3.46E-03
COURSE GRID	378000.0	3740500.0	3.46E-03	0	3.46E-03	5.71E-03	-2.25E-03	1.65E-03	0	1.65E-03	5.71E-03	-4.06E-03
COURSE GRID	378500.0	3740500.0	3.56E-03	0	3.56E-03	6.33E-03	-2.77E-03	1.71E-03	0	1.71E-03	6.33E-03	-4.62E-03
COURSE GRID	379000.0	3740500.0	3.64E-03	0	3.64E-03	7.41E-03	-3.77E-03	1.76E-03	0	1.76E-03	7.41E-03	-5.65E-03
COURSE GRID	379500.0	3740500.0	3.71E-03	0	3.71E-03	8.91E-03	-5.20E-03	1.79E-03	0	1.79E-03	8.91E-03	-7.12E-03
COURSE GRID	380000.0	3740500.0	3.78E-03	0	3.78E-03	9.73E-03	-5.95E-03	1.82E-03	0	1.82E-03	9.73E-03	-7.91E-03
COURSE GRID	380500.0	3740500.0	3.85E-03	0	3.85E-03	1.07E-02	-6.83E-03	1.86E-03	0	1.86E-03	1.07E-02	-8.82E-03
COURSE GRID	381000.0	3740500.0	3.86E-03	0	3.86E-03	1.14E-02	-7.49E-03	1.87E-03	0	1.87E-03	1.14E-02	-9.48E-03
COURSE GRID	381500.0	3740500.0	3.90E-03	0	3.90E-03	1.17E-02	-7.82E-03	1.89E-03	0	1.89E-03	1.17E-02	-9.83E-03
COURSE GRID	382000.0	3740500.0	3.92E-03	0	3.92E-03	1.24E-02	-8.48E-03	1.90E-03	0	1.90E-03	1.24E-02	-1.05E-02
COURSE GRID	382500.0	3740500.0	3.97E-03	0	3.97E-03	1.30E-02	-9.02E-03	1.94E-03	0	1.94E-03	1.30E-02	-1.10E-02
COURSE GRID	383000.0	3740500.0	4.11E-03	0	4.11E-03	1.36E-02	-9.48E-03	2.00E-03	0	2.00E-03	1.36E-02	-1.16E-02
COURSE GRID	383500.0	3740500.0	4.31E-03	0	4.31E-03	1.57E-02	-1.14E-02	2.12E-03	0	2.12E-03	1.57E-02	-1.36E-02
COURSE GRID	384000.0	3740500.0	4.49E-03	0	4.49E-03	1.66E-02	-1.21E-02	2.23E-03	0	2.23E-03	1.66E-02	-1.43E-02
COURSE GRID	384500.0	3740500.0	4.70E-03	0	4.70E-03	1.81E-02	-1.34E-02	2.34E-03	0	2.34E-03	1.81E-02	-1.58E-02
COURSE GRID	385000.0	3740500.0	4.78E-03	0	4.78E-03	1.83E-02	-1.36E-02	2.40E-03	0	2.40E-03	1.83E-02	-1.59E-02
COURSE GRID	385500.0	3740500.0	5.01E-03	0	5.01E-03	1.69E-02	-1.19E-02	2.54E-03	0	2.54E-03	1.69E-02	-1.43E-02
COURSE GRID	386000.0	3740500.0	5.24E-03	0	5.24E-03	1.56E-02	-1.04E-02	2.67E-03	0	2.67E-03	1.56E-02	-1.30E-02
COURSE GRID	386500.0	3740500.0	5.49E-03	0	5.49E-03	1.41E-02	-8.57E-03	2.81E-03	0	2.81E-03	1.41E-02	-1.12E-02
COURSE GRID	387000.0	3740500.0	5.75E-03	0	5.75E-03	1.24E-02	-6.68E-03	2.96E-03	0	2.96E-03	1.24E-02	-9.47E-03
COURSE GRID	387500.0	3740500.0	5.91E-03	0	5.91E-03	9.70E-03	-3.79E-03	3.06E-03	0	3.06E-03	9.70E-03	-6.64E-03
COURSE GRID	388000.0	3740500.0	6.03E-03	0	6.03E-03	7.95E-03	-1.92E-03	3.14E-03	0	3.14E-03	7.95E-03	-4.81E-03
COURSE GRID	388500.0	3740500.0	6.14E-03	0	6.14E-03	6.66E-03	-5.20E-04	3.20E-03	0	3.20E-03	6.66E-03	-3.46E-03
COURSE GRID	389000.0	3740500.0	6.21E-03	0	6.21E-03	4.38E-03	1.83E-03	3.23E-03	0	3.23E-03	4.38E-03	-1.15E-03
COURSE GRID	389500.0	3740500.0	6.28E-03	0	6.28E-03	4.35E-03	1.93E-03	3.27E-03	0	3.27E-03	4.35E-03	-1.08E-03
COURSE GRID	390000.0	3740500.0	6.35E-03	0	6.35E-03	4.31E-03	2.04E-03	3.31E-03	0	3.31E-03	4.31E-03	-1.00E-03
COURSE GRID	390500.0	3740500.0	6.48E-03	0	6.48E-03	3.79E-03	2.69E-03	3.39E-03	0	3.39E-03	3.79E-03	-4.01E-04

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	391000.0	3740500.0	6.51E-03	0	6.51E-03	3.52E-03	2.99E-03	3.43E-03	0	3.43E-03	3.52E-03	-8.79E-05
COURSE GRID	391500.0	3740500.0	6.44E-03	0	6.44E-03	2.96E-03	3.48E-03	3.40E-03	0	3.40E-03	2.96E-03	4.37E-04
COURSE GRID	392000.0	3740500.0	6.03E-03	0	6.03E-03	2.21E-03	3.82E-03	3.17E-03	0	3.17E-03	2.21E-03	9.56E-04
COURSE GRID	392500.0	3740500.0	5.86E-03	0	5.86E-03	2.04E-03	3.82E-03	3.07E-03	0	3.07E-03	2.04E-03	1.03E-04
COURSE GRID	393000.0	3740500.0	6.27E-03	0	6.27E-03	2.61E-03	3.66E-03	3.29E-03	0	3.29E-03	2.61E-03	6.84E-04
COURSE GRID	393500.0	3740500.0	6.39E-03	0	6.39E-03	2.79E-03	3.60E-03	3.37E-03	0	3.37E-03	2.79E-03	5.77E-04
COURSE GRID	377000.0	3741000.0	3.08E-03	0	3.08E-03	4.67E-03	-1.59E-03	1.45E-03	0	1.45E-03	4.67E-03	-3.22E-03
COURSE GRID	377500.0	3741000.0	3.23E-03	0	3.23E-03	5.14E-03	-1.90E-03	1.53E-03	0	1.53E-03	5.14E-03	-3.60E-03
COURSE GRID	378000.0	3741000.0	3.34E-03	0	3.34E-03	5.49E-03	-2.15E-03	1.59E-03	0	1.59E-03	5.49E-03	-3.90E-03
COURSE GRID	378500.0	3741000.0	3.40E-03	0	3.40E-03	6.38E-03	-2.98E-03	1.63E-03	0	1.63E-03	6.38E-03	-4.75E-03
COURSE GRID	379000.0	3741000.0	3.48E-03	0	3.48E-03	7.73E-03	-4.24E-03	1.68E-03	0	1.68E-03	7.73E-03	-6.04E-03
COURSE GRID	379500.0	3741000.0	3.58E-03	0	3.58E-03	8.47E-03	-4.88E-03	1.72E-03	0	1.72E-03	8.47E-03	-6.74E-03
COURSE GRID	380000.0	3741000.0	3.61E-03	0	3.61E-03	8.85E-03	-5.24E-03	1.74E-03	0	1.74E-03	8.85E-03	-7.11E-03
COURSE GRID	380500.0	3741000.0	3.65E-03	0	3.65E-03	9.78E-03	-6.13E-03	1.77E-03	0	1.77E-03	9.78E-03	-8.01E-03
COURSE GRID	381000.0	3741000.0	3.69E-03	0	3.69E-03	1.02E-02	-6.54E-03	1.78E-03	0	1.78E-03	1.02E-02	-8.45E-03
COURSE GRID	381500.0	3741000.0	3.69E-03	0	3.69E-03	1.07E-02	-6.99E-03	1.79E-03	0	1.79E-03	1.07E-02	-8.89E-03
COURSE GRID	382000.0	3741000.0	3.73E-03	0	3.73E-03	1.15E-02	-7.74E-03	1.81E-03	0	1.81E-03	1.15E-02	-9.66E-03
COURSE GRID	382500.0	3741000.0	3.78E-03	0	3.78E-03	1.20E-02	-8.19E-03	1.84E-03	0	1.84E-03	1.20E-02	-1.01E-02
COURSE GRID	383000.0	3741000.0	3.90E-03	0	3.90E-03	1.32E-02	-9.29E-03	1.90E-03	0	1.90E-03	1.32E-02	-1.13E-02
COURSE GRID	383500.0	3741000.0	4.09E-03	0	4.09E-03	1.48E-02	-1.07E-02	2.00E-03	0	2.00E-03	1.48E-02	-1.28E-02
COURSE GRID	384000.0	3741000.0	4.26E-03	0	4.26E-03	1.50E-02	-1.07E-02	2.11E-03	0	2.11E-03	1.50E-02	-1.28E-02
COURSE GRID	384500.0	3741000.0	4.37E-03	0	4.37E-03	1.53E-02	-1.10E-02	2.17E-03	0	2.17E-03	1.53E-02	-1.32E-02
COURSE GRID	385000.0	3741000.0	4.55E-03	0	4.55E-03	1.50E-02	-1.05E-02	2.28E-03	0	2.28E-03	1.50E-02	-1.27E-02
COURSE GRID	385500.0	3741000.0	4.72E-03	0	4.72E-03	1.41E-02	-9.33E-03	2.38E-03	0	2.38E-03	1.41E-02	-1.17E-02
COURSE GRID	386000.0	3741000.0	4.95E-03	0	4.95E-03	1.25E-02	-7.59E-03	2.51E-03	0	2.51E-03	1.25E-02	-1.00E-02
COURSE GRID	386500.0	3741000.0	5.15E-03	0	5.15E-03	1.09E-02	-5.71E-03	2.62E-03	0	2.62E-03	1.09E-02	-8.24E-03
COURSE GRID	387000.0	3741000.0	5.37E-03	0	5.37E-03	1.02E-02	-4.79E-03	2.75E-03	0	2.75E-03	1.02E-02	-7.41E-03
COURSE GRID	387500.0	3741000.0	5.54E-03	0	5.54E-03	8.42E-03	-2.88E-03	2.85E-03	0	2.85E-03	8.42E-03	-5.57E-03
COURSE GRID	388000.0	3741000.0	5.65E-03	0	5.65E-03	6.93E-03	-1.28E-03	2.93E-03	0	2.93E-03	6.93E-03	-4.00E-03
COURSE GRID	388500.0	3741000.0	5.77E-03	0	5.77E-03	6.29E-03	-5.21E-04	2.99E-03	0	2.99E-03	6.29E-03	-3.30E-03
COURSE GRID	389000.0	3741000.0	5.85E-03	0	5.85E-03	4.82E-03	1.03E-03	3.04E-03	0	3.04E-03	4.82E-03	-1.78E-03
COURSE GRID	389500.0	3741000.0	5.90E-03	0	5.90E-03	3.55E-03	2.35E-03	3.06E-03	0	3.06E-03	3.55E-03	-4.88E-04
COURSE GRID	390000.0	3741000.0	5.95E-03	0	5.95E-03	3.74E-03	2.21E-03	3.09E-03	0	3.09E-03	3.74E-03	-6.50E-04
COURSE GRID	390500.0	3741000.0	5.96E-03	0	5.96E-03	3.51E-03	2.45E-03	3.09E-03	0	3.09E-03	3.51E-03	-4.24E-04
COURSE GRID	391000.0	3741000.0	6.03E-03	0	6.03E-03	2.91E-03	3.12E-03	3.15E-03	0	3.15E-03	2.91E-03	2.42E-04
COURSE GRID	391500.0	3741000.0	5.96E-03	0	5.96E-03	2.74E-03	3.22E-03	3.12E-03	0	3.12E-03	2.74E-03	3.82E-04
COURSE GRID	392000.0	3741000.0	5.99E-03	0	5.99E-03	2.61E-03	3.38E-03	3.15E-03	0	3.15E-03	2.61E-03	5.44E-04
COURSE GRID	392500.0	3741000.0	5.97E-03	0	5.97E-03	2.34E-03	3.64E-03	3.13E-03	0	3.13E-03	2.34E-03	7.95E-04
COURSE GRID	393000.0	3741000.0	6.00E-03	0	6.00E-03	2.31E-03	3.69E-03	3.14E-03	0	3.14E-03	2.31E-03	8.33E-04
COURSE GRID	393500.0	3741000.0	6.05E-03	0	6.05E-03	2.38E-03	3.67E-03	3.17E-03	0	3.17E-03	2.38E-03	7.86E-04

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	377000.0	3741500.0	3.02E-03	0	3.02E-03	4.55E-03	-1.53E-03	1.42E-03	0	1.42E-03	4.55E-03	-3.13E-03
COURSE GRID	377500.0	3741500.0	3.12E-03	0	3.12E-03	4.73E-03	-1.61E-03	1.48E-03	0	1.48E-03	4.73E-03	-3.25E-03
COURSE GRID	378000.0	3741500.0	3.19E-03	0	3.19E-03	5.63E-03	-2.44E-03	1.53E-03	0	1.53E-03	5.63E-03	-4.10E-03
COURSE GRID	378500.0	3741500.0	3.25E-03	0	3.25E-03	6.77E-03	-3.52E-03	1.56E-03	0	1.56E-03	6.77E-03	-5.21E-03
COURSE GRID	379000.0	3741500.0	3.33E-03	0	3.33E-03	7.21E-03	-3.88E-03	1.60E-03	0	1.60E-03	7.21E-03	-5.61E-03
COURSE GRID	379500.0	3741500.0	3.41E-03	0	3.41E-03	7.70E-03	-4.29E-03	1.64E-03	0	1.64E-03	7.70E-03	-6.06E-03
COURSE GRID	380000.0	3741500.0	3.48E-03	0	3.48E-03	8.67E-03	-5.19E-03	1.68E-03	0	1.68E-03	8.67E-03	-6.99E-03
COURSE GRID	380500.0	3741500.0	3.46E-03	0	3.46E-03	8.82E-03	-5.36E-03	1.67E-03	0	1.67E-03	8.82E-03	-7.15E-03
COURSE GRID	381000.0	3741500.0	3.51E-03	0	3.51E-03	9.51E-03	-6.00E-03	1.69E-03	0	1.69E-03	9.51E-03	-7.82E-03
COURSE GRID	381500.0	3741500.0	3.53E-03	0	3.53E-03	1.00E-02	-6.48E-03	1.70E-03	0	1.70E-03	1.00E-02	-8.31E-03
COURSE GRID	382000.0	3741500.0	3.55E-03	0	3.55E-03	1.07E-02	-7.17E-03	1.72E-03	0	1.72E-03	1.07E-02	-9.00E-03
COURSE GRID	382500.0	3741500.0	3.61E-03	0	3.61E-03	1.15E-02	-7.93E-03	1.75E-03	0	1.75E-03	1.15E-02	-9.79E-03
COURSE GRID	383000.0	3741500.0	3.73E-03	0	3.73E-03	1.24E-02	-8.69E-03	1.81E-03	0	1.81E-03	1.24E-02	-1.06E-02
COURSE GRID	383500.0	3741500.0	3.89E-03	0	3.89E-03	1.34E-02	-9.53E-03	1.90E-03	0	1.90E-03	1.34E-02	-1.15E-02
COURSE GRID	384000.0	3741500.0	4.05E-03	0	4.05E-03	1.32E-02	-9.15E-03	2.00E-03	0	2.00E-03	1.32E-02	-1.12E-02
COURSE GRID	384500.0	3741500.0	4.15E-03	0	4.15E-03	1.28E-02	-8.63E-03	2.06E-03	0	2.06E-03	1.28E-02	-1.07E-02
COURSE GRID	385000.0	3741500.0	4.28E-03	0	4.28E-03	1.25E-02	-8.18E-03	2.13E-03	0	2.13E-03	1.25E-02	-1.03E-02
COURSE GRID	385500.0	3741500.0	4.49E-03	0	4.49E-03	1.20E-02	-7.52E-03	2.26E-03	0	2.26E-03	1.20E-02	-9.75E-03
COURSE GRID	386000.0	3741500.0	4.67E-03	0	4.67E-03	1.06E-02	-5.95E-03	2.36E-03	0	2.36E-03	1.06E-02	-8.26E-03
COURSE GRID	386500.0	3741500.0	4.85E-03	0	4.85E-03	8.97E-03	-4.11E-03	2.46E-03	0	2.46E-03	8.97E-03	-6.50E-03
COURSE GRID	387000.0	3741500.0	5.05E-03	0	5.05E-03	8.40E-03	-3.35E-03	2.57E-03	0	2.57E-03	8.40E-03	-5.83E-03
COURSE GRID	387500.0	3741500.0	5.20E-03	0	5.20E-03	7.34E-03	-2.14E-03	2.66E-03	0	2.66E-03	7.34E-03	-4.68E-03
COURSE GRID	388000.0	3741500.0	5.32E-03	0	5.32E-03	6.34E-03	-1.02E-03	2.74E-03	0	2.74E-03	6.34E-03	-3.60E-03
COURSE GRID	388500.0	3741500.0	5.42E-03	0	5.42E-03	5.49E-03	-6.58E-05	2.80E-03	0	2.80E-03	5.49E-03	-2.69E-03
COURSE GRID	389000.0	3741500.0	5.51E-03	0	5.51E-03	4.95E-03	5.63E-04	2.85E-03	0	2.85E-03	4.95E-03	-2.10E-03
COURSE GRID	389500.0	3741500.0	5.57E-03	0	5.57E-03	3.66E-03	1.91E-03	2.88E-03	0	2.88E-03	3.66E-03	-7.80E-04
COURSE GRID	390000.0	3741500.0	5.57E-03	0	5.57E-03	3.07E-03	2.50E-03	2.88E-03	0	2.88E-03	3.07E-03	-1.89E-04
COURSE GRID	390500.0	3741500.0	5.58E-03	0	5.58E-03	3.15E-03	2.43E-03	2.88E-03	0	2.88E-03	3.15E-03	-2.70E-04
COURSE GRID	391000.0	3741500.0	5.62E-03	0	5.62E-03	3.00E-03	2.62E-03	2.91E-03	0	2.91E-03	3.00E-03	-8.89E-05
COURSE GRID	391500.0	3741500.0	5.69E-03	0	5.69E-03	2.45E-03	3.24E-03	2.96E-03	0	2.96E-03	2.45E-03	5.13E-04
COURSE GRID	392000.0	3741500.0	5.76E-03	0	5.76E-03	2.48E-03	3.28E-03	3.02E-03	0	3.02E-03	2.48E-03	5.42E-04
COURSE GRID	392500.0	3741500.0	5.79E-03	0	5.79E-03	2.45E-03	3.34E-03	3.03E-03	0	3.03E-03	2.45E-03	5.81E-04
COURSE GRID	393000.0	3741500.0	5.79E-03	0	5.79E-03	2.37E-03	3.42E-03	3.03E-03	0	3.03E-03	2.37E-03	6.57E-04
COURSE GRID	393500.0	3741500.0	5.78E-03	0	5.78E-03	2.32E-03	3.46E-03	3.02E-03	0	3.02E-03	2.32E-03	7.03E-04
COURSE GRID	377000.0	3742000.0	2.96E-03	0	2.96E-03	4.49E-03	-1.53E-03	1.40E-03	0	1.40E-03	4.49E-03	-3.09E-03
COURSE GRID	377500.0	3742000.0	3.03E-03	0	3.03E-03	5.15E-03	-2.12E-03	1.44E-03	0	1.44E-03	5.15E-03	-3.71E-03
COURSE GRID	378000.0	3742000.0	3.07E-03	0	3.07E-03	5.99E-03	-2.92E-03	1.47E-03	0	1.47E-03	5.99E-03	-4.52E-03
COURSE GRID	378500.0	3742000.0	3.13E-03	0	3.13E-03	6.39E-03	-3.26E-03	1.50E-03	0	1.50E-03	6.39E-03	-4.89E-03
COURSE GRID	379000.0	3742000.0	3.21E-03	0	3.21E-03	6.75E-03	-3.54E-03	1.54E-03	0	1.54E-03	6.75E-03	-5.21E-03
COURSE GRID	379500.0	3742000.0	3.27E-03	0	3.27E-03	7.39E-03	-4.11E-03	1.57E-03	0	1.57E-03	7.39E-03	-5.81E-03

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA IMPACT			
			NEPA BASELINE	NEPA IMPACT	NEPA IMPACT	NEPA BASELINE	NEPA IMPACT	NEPA IMPACT				
COURSE GRID	380000.0	3742000.0	3.29E-03	0	3.29E-03	7.93E-03	-4.64E-03	1.58E-03	0	1.58E-03	7.93E-03	-6.35E-03
COURSE GRID	380500.0	3742000.0	3.31E-03	0	3.31E-03	8.41E-03	-5.10E-03	1.59E-03	0	1.59E-03	8.41E-03	-6.82E-03
COURSE GRID	381000.0	3742000.0	3.35E-03	0	3.35E-03	8.94E-03	-5.59E-03	1.61E-03	0	1.61E-03	8.94E-03	-7.33E-03
COURSE GRID	381500.0	3742000.0	3.37E-03	0	3.37E-03	9.56E-03	-6.19E-03	1.62E-03	0	1.62E-03	9.56E-03	-7.94E-03
COURSE GRID	382000.0	3742000.0	3.39E-03	0	3.39E-03	1.04E-02	-7.01E-03	1.63E-03	0	1.63E-03	1.04E-02	-8.77E-03
COURSE GRID	382500.0	3742000.0	3.44E-03	0	3.44E-03	1.08E-02	-7.34E-03	1.67E-03	0	1.67E-03	1.08E-02	-9.11E-03
COURSE GRID	383000.0	3742000.0	3.56E-03	0	3.56E-03	1.13E-02	-7.76E-03	1.72E-03	0	1.72E-03	1.13E-02	-9.60E-03
COURSE GRID	383500.0	3742000.0	3.72E-03	0	3.72E-03	1.20E-02	-8.25E-03	1.81E-03	0	1.81E-03	1.20E-02	-1.02E-02
COURSE GRID	384000.0	3742000.0	3.86E-03	0	3.86E-03	1.15E-02	-7.63E-03	1.90E-03	0	1.90E-03	1.15E-02	-9.59E-03
COURSE GRID	384500.0	3742000.0	3.95E-03	0	3.95E-03	1.09E-02	-6.95E-03	1.96E-03	0	1.96E-03	1.09E-02	-8.94E-03
COURSE GRID	385000.0	3742000.0	4.08E-03	0	4.08E-03	1.08E-02	-6.67E-03	2.03E-03	0	2.03E-03	1.08E-02	-8.72E-03
COURSE GRID	385500.0	3742000.0	4.21E-03	0	4.21E-03	1.02E-02	-5.94E-03	2.11E-03	0	2.11E-03	1.02E-02	-8.04E-03
COURSE GRID	386000.0	3742000.0	4.40E-03	0	4.40E-03	9.20E-03	-4.80E-03	2.22E-03	0	2.22E-03	9.20E-03	-6.98E-03
COURSE GRID	386500.0	3742000.0	4.56E-03	0	4.56E-03	7.78E-03	-3.22E-03	2.30E-03	0	2.30E-03	7.78E-03	-5.48E-03
COURSE GRID	387000.0	3742000.0	4.75E-03	0	4.75E-03	7.13E-03	-2.38E-03	2.41E-03	0	2.41E-03	7.13E-03	-4.72E-03
COURSE GRID	387500.0	3742000.0	4.90E-03	0	4.90E-03	6.33E-03	-1.43E-03	2.50E-03	0	2.50E-03	6.33E-03	-3.83E-03
COURSE GRID	388000.0	3742000.0	5.02E-03	0	5.02E-03	5.69E-03	-6.67E-04	2.57E-03	0	2.57E-03	5.69E-03	-3.12E-03
COURSE GRID	388500.0	3742000.0	5.14E-03	0	5.14E-03	5.18E-03	-4.08E-05	2.65E-03	0	2.65E-03	5.18E-03	-2.53E-03
COURSE GRID	389000.0	3742000.0	5.21E-03	0	5.21E-03	4.70E-03	5.14E-04	2.69E-03	0	2.69E-03	4.70E-03	-2.01E-03
COURSE GRID	389500.0	3742000.0	5.28E-03	0	5.28E-03	3.89E-03	1.39E-03	2.73E-03	0	2.73E-03	3.89E-03	-1.16E-03
COURSE GRID	390000.0	3742000.0	5.25E-03	0	5.25E-03	2.82E-03	2.43E-03	2.71E-03	0	2.71E-03	2.82E-03	-1.09E-04
COURSE GRID	390500.0	3742000.0	5.18E-03	0	5.18E-03	2.45E-03	2.73E-03	2.67E-03	0	2.67E-03	2.45E-03	2.24E-04
COURSE GRID	391000.0	3742000.0	5.27E-03	0	5.27E-03	2.77E-03	2.50E-03	2.71E-03	0	2.71E-03	2.77E-03	-6.09E-05
COURSE GRID	391500.0	3742000.0	5.40E-03	0	5.40E-03	2.71E-03	2.69E-03	2.79E-03	0	2.79E-03	2.71E-03	8.11E-05
COURSE GRID	392000.0	3742000.0	5.49E-03	0	5.49E-03	2.29E-03	3.20E-03	2.86E-03	0	2.86E-03	2.29E-03	5.71E-04
COURSE GRID	392500.0	3742000.0	5.57E-03	0	5.57E-03	2.31E-03	3.26E-03	2.91E-03	0	2.91E-03	2.31E-03	6.02E-04
COURSE GRID	393000.0	3742000.0	5.57E-03	0	5.57E-03	2.34E-03	3.23E-03	2.91E-03	0	2.91E-03	2.34E-03	5.66E-04
COURSE GRID	393500.0	3742000.0	5.54E-03	0	5.54E-03	2.31E-03	3.23E-03	2.89E-03	0	2.89E-03	2.31E-03	5.81E-04

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION				PROPOSE PROJECT - WITH MITIGATION				
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	
			IMPACT	BASELINE	IMPACT	NEPA BASELINE	IMPACT	BASELINE	IMPACT	NEPA BASELINE	
COURSE GRID	377000.0	3728500.0	1.86E-02	0	1.86E-02	9.70E-02	7.90E-02	1	8.16E-03	9.76E-02	8.94E-02
COURSE GRID	377500.0	3728500.0	2.02E-02	0	2.02E-02	8.14E-02	-6.12E-02	2	9.03E-03	8.14E-02	-7.24E-02
COURSE GRID	378000.0	3728500.0	2.10E-02	0	2.10E-02	8.10E-02	-6.00E-02	3	9.44E-03	8.10E-02	-7.16E-02
COURSE GRID	378500.0	3728500.0	2.27E-02	0	2.27E-02	8.10E-02	-5.83E-02	4	1.04E-02	8.10E-02	-7.06E-02
COURSE GRID	379000.0	3728500.0	2.28E-02	0	2.28E-02	8.60E-02	-6.32E-02	5	1.05E-02	8.60E-02	-7.55E-02
COURSE GRID	379500.0	3728500.0	2.50E-02	0	2.50E-02	8.63E-02	-6.13E-02	6	1.19E-02	8.63E-02	-7.44E-02
COURSE GRID	380000.0	3728500.0	2.47E-02	0	2.47E-02	9.69E-02	-7.22E-02	7	1.16E-02	9.69E-02	-8.53E-02
COURSE GRID	380500.0	3728500.0	2.47E-02	0	2.47E-02	9.30E-02	-6.83E-02	8	1.13E-02	9.30E-02	-8.17E-02
COURSE GRID	381000.0	3728500.0	2.57E-02	0	2.57E-02	1.03E-01	-7.75E-02	9	1.17E-02	1.03E-01	-9.15E-02
COURSE GRID	381500.0	3728500.0	2.47E-02	0	2.47E-02	1.02E-01	-7.77E-02	10	1.13E-02	1.02E-01	-9.11E-02
COURSE GRID	382000.0	3728500.0	2.60E-02	0	2.60E-02	1.05E-01	-7.92E-02	11	1.20E-02	1.05E-01	-9.32E-02
COURSE GRID	382500.0	3728500.0	2.65E-02	0	2.65E-02	9.94E-02	-7.29E-02	12	1.20E-02	9.94E-02	-8.74E-02
COURSE GRID	383000.0	3728500.0	2.69E-02	0	2.69E-02	1.01E-01	-7.39E-02	13	1.26E-02	1.01E-01	-8.82E-02
COURSE GRID	383500.0	3728500.0	2.93E-02	0	2.93E-02	1.22E-01	-9.28E-02	14	1.38E-02	1.22E-01	-1.08E-01
COURSE GRID	384000.0	3728500.0	3.00E-02	0	3.00E-02	1.05E-01	-7.51E-02	15	1.43E-02	1.05E-01	-9.08E-02
COURSE GRID	384500.0	3728500.0	3.34E-02	0	3.34E-02	1.08E-01	-7.49E-02	16	1.62E-02	1.08E-01	-9.21E-02
COURSE GRID	385000.0	3728500.0	3.17E-02	0	3.17E-02	1.15E-01	-8.34E-02	17	1.55E-02	1.15E-01	-9.96E-02
COURSE GRID	385500.0	3728500.0	2.96E-02	0	2.96E-02	1.21E-01	-9.12E-02	18	1.49E-02	1.21E-01	-1.06E-01
COURSE GRID	386000.0	3728500.0	2.78E-02	0	2.78E-02	1.29E-01	-1.01E-01	19	1.39E-02	1.29E-01	-1.15E-01
COURSE GRID	386500.0	3728500.0	2.62E-02	0	2.62E-02	1.38E-01	-1.12E-01	20	1.34E-02	1.38E-01	-1.25E-01
COURSE GRID	387000.0	3728500.0	2.45E-02	0	2.45E-02	1.13E-01	-8.83E-02	21	1.21E-02	1.13E-01	-1.01E-01
COURSE GRID	387500.0	3728500.0	2.46E-02	0	2.46E-02	1.17E-01	-9.26E-02	22	1.16E-02	1.17E-01	-1.06E-01
COURSE GRID	388000.0	3728500.0	2.47E-02	0	2.47E-02	1.26E-01	-1.02E-01	23	1.18E-02	1.26E-01	-1.15E-01
COURSE GRID	388500.0	3728500.0	2.39E-02	0	2.39E-02	1.41E-01	-1.17E-01	24	1.14E-02	1.41E-01	-1.29E-01
COURSE GRID	389000.0	3728500.0	2.26E-02	0	2.26E-02	1.59E-01	-1.36E-01	25	1.09E-02	1.59E-01	-1.48E-01
COURSE GRID	389500.0	3728500.0	2.02E-02	0	2.02E-02	1.17E-01	-9.65E-02	26	9.63E-03	1.17E-01	-1.07E-01
COURSE GRID	390000.0	3728500.0	1.81E-02	0	1.81E-02	1.17E-01	-9.92E-02	27	8.34E-03	1.17E-01	-1.09E-01
COURSE GRID	390500.0	3728500.0	1.73E-02	0	1.73E-02	1.21E-01	-1.04E-01	28	7.97E-03	1.21E-01	-1.13E-01
COURSE GRID	391000.0	3728500.0	1.66E-02	0	1.66E-02	1.18E-01	-1.01E-01	29	7.57E-03	1.18E-01	-1.10E-01
COURSE GRID	391500.0	3728500.0	1.56E-02	0	1.56E-02	1.08E-01	-9.21E-02	30	7.10E-03	1.08E-01	-1.01E-01
COURSE GRID	392000.0	3728500.0	1.48E-02	0	1.48E-02	1.10E-01	-9.54E-02	31	6.70E-03	1.10E-01	-1.03E-01
COURSE GRID	392500.0	3728500.0	1.41E-02	0	1.41E-02	1.09E-01	-9.49E-02	32	6.33E-03	1.09E-01	-1.03E-01
COURSE GRID	393000.0	3728500.0	1.35E-02	0	1.35E-02	9.34E-02	-7.99E-02	33	6.03E-03	9.34E-02	-8.74E-02
COURSE GRID	393500.0	3728500.0	1.31E-02	0	1.31E-02	9.07E-02	-7.76E-02	34	5.85E-03	9.07E-02	-8.48E-02
COURSE GRID	377000.0	3729000.0	1.78E-02	0	1.78E-02	9.63E-02	-7.85E-02	35	7.78E-03	9.63E-02	-8.85E-02
COURSE GRID	377500.0	3729000.0	1.83E-02	0	1.83E-02	9.96E-02	-8.13E-02	36	8.03E-03	9.96E-02	-9.16E-02
COURSE GRID	378000.0	3729000.0	1.98E-02	0	1.98E-02	8.28E-02	-6.30E-02	37	8.73E-03	8.28E-02	-7.41E-02
COURSE GRID	378500.0	3729000.0	2.17E-02	0	2.17E-02	8.12E-02	-5.95E-02	38	9.77E-03	8.12E-02	-7.14E-02
COURSE GRID	379000.0	3729000.0	2.30E-02	0	2.30E-02	8.20E-02	-5.90E-02	39	1.04E-02	8.20E-02	-7.16E-02
COURSE GRID	379500.0	3729000.0	2.41E-02	0	2.41E-02	8.87E-02	-6.46E-02	40	1.11E-02	8.87E-02	-7.76E-02
COURSE GRID	380000.0	3729000.0	2.65E-02	0	2.65E-02	9.67E-02	-7.02E-02	41	1.26E-02	9.67E-02	-8.41E-02

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	Rec #	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE
COURSE GRID	380500.0	3729000.0	2.78E-02	0	2.78E-02	9.72E-02	-6.94E-02	42	1.33E-02	1.33E-02	9.72E-02	-8.39E-02
COURSE GRID	381000.0	3729000.0	2.69E-02	0	2.69E-02	1.08E-01	-8.06E-02	43	1.24E-02	1.24E-02	1.08E-01	-9.51E-02
COURSE GRID	381500.0	3729000.0	2.78E-02	0	2.78E-02	1.17E-01	-8.94E-02	44	1.28E-02	1.28E-02	1.17E-01	-1.04E-01
COURSE GRID	382000.0	3729000.0	2.74E-02	0	2.74E-02	1.10E-01	-8.23E-02	45	1.27E-02	1.27E-02	1.10E-01	-9.70E-02
COURSE GRID	382500.0	3729000.0	2.88E-02	0	2.88E-02	1.00E-01	-7.14E-02	46	1.31E-02	1.31E-02	1.00E-01	-8.71E-02
COURSE GRID	383000.0	3729000.0	2.91E-02	0	2.91E-02	1.03E-01	-7.42E-02	47	1.34E-02	1.34E-02	1.03E-01	-8.99E-02
COURSE GRID	383500.0	3729000.0	3.12E-02	0	3.12E-02	1.28E-01	-9.65E-02	48	1.45E-02	1.45E-02	1.28E-01	-1.13E-01
COURSE GRID	384000.0	3729000.0	3.38E-02	0	3.38E-02	1.11E-01	-7.73E-02	49	1.60E-02	1.60E-02	1.11E-01	-9.51E-02
COURSE GRID	384500.0	3729000.0	3.45E-02	0	3.45E-02	1.15E-01	-8.00E-02	50	1.66E-02	1.66E-02	1.15E-01	-9.79E-02
COURSE GRID	385000.0	3729000.0	3.11E-02	0	3.11E-02	1.18E-01	-8.69E-02	51	1.52E-02	1.52E-02	1.18E-01	-1.03E-01
COURSE GRID	385500.0	3729000.0	3.00E-02	0	3.00E-02	1.44E-01	-1.14E-01	52	1.50E-02	1.50E-02	1.44E-01	-1.29E-01
COURSE GRID	386000.0	3729000.0	2.79E-02	0	2.79E-02	1.44E-01	-1.16E-01	53	1.42E-02	1.42E-02	1.44E-01	-1.30E-01
COURSE GRID	386500.0	3729000.0	2.67E-02	0	2.67E-02	1.24E-01	-9.74E-02	54	1.29E-02	1.29E-02	1.24E-01	-1.11E-01
COURSE GRID	387000.0	3729000.0	2.80E-02	0	2.80E-02	1.17E-01	-8.86E-02	55	1.34E-02	1.34E-02	1.17E-01	-1.03E-01
COURSE GRID	387500.0	3729000.0	2.71E-02	0	2.71E-02	1.20E-01	-9.30E-02	56	1.31E-02	1.31E-02	1.20E-01	-1.07E-01
COURSE GRID	388000.0	3729000.0	2.60E-02	0	2.60E-02	1.47E-01	-1.21E-01	57	1.25E-02	1.25E-02	1.47E-01	-1.35E-01
COURSE GRID	388500.0	3729000.0	2.36E-02	0	2.36E-02	1.65E-01	-1.41E-01	58	1.14E-02	1.14E-02	1.65E-01	-1.54E-01
COURSE GRID	389000.0	3729000.0	2.08E-02	0	2.08E-02	1.20E-01	-9.94E-02	59	9.68E-03	9.68E-03	1.20E-01	-1.11E-01
COURSE GRID	389500.0	3729000.0	1.97E-02	0	1.97E-02	1.26E-01	-1.06E-01	60	9.14E-03	9.14E-03	1.26E-01	-1.17E-01
COURSE GRID	390000.0	3729000.0	1.83E-02	0	1.83E-02	1.19E-01	-1.01E-01	61	8.50E-03	8.50E-03	1.19E-01	-1.11E-01
COURSE GRID	390500.0	3729000.0	1.70E-02	0	1.70E-02	1.27E-01	-1.09E-01	62	7.82E-03	7.82E-03	1.27E-01	-1.19E-01
COURSE GRID	391000.0	3729000.0	1.60E-02	0	1.60E-02	1.23E-01	-1.07E-01	63	7.28E-03	7.28E-03	1.23E-01	-1.16E-01
COURSE GRID	391500.0	3729000.0	1.55E-02	0	1.55E-02	1.18E-01	-1.03E-01	64	7.04E-03	7.04E-03	1.18E-01	-1.11E-01
COURSE GRID	392000.0	3729000.0	1.49E-02	0	1.49E-02	1.08E-01	-9.35E-02	65	6.74E-03	6.74E-03	1.08E-01	-1.02E-01
COURSE GRID	392500.0	3729000.0	1.42E-02	0	1.42E-02	9.67E-02	-8.25E-02	66	6.40E-03	6.40E-03	9.67E-02	-9.03E-02
COURSE GRID	393000.0	3729000.0	1.34E-02	0	1.34E-02	9.45E-02	-8.11E-02	67	6.03E-03	6.03E-03	9.45E-02	-8.85E-02
COURSE GRID	393500.0	3729000.0	1.29E-02	0	1.29E-02	8.75E-02	-7.46E-02	68	5.79E-03	5.79E-03	8.75E-02	-8.17E-02
COURSE GRID	377000.0	3729500.0	1.77E-02	0	1.77E-02	8.02E-02	-6.25E-02	69	7.78E-03	7.78E-03	8.02E-02	-7.24E-02
COURSE GRID	377500.0	3729500.0	1.81E-02	0	1.81E-02	9.78E-02	-7.97E-02	70	7.95E-03	7.95E-03	9.78E-02	-8.98E-02
COURSE GRID	378000.0	3729500.0	1.92E-02	0	1.92E-02	1.02E-01	-8.31E-02	71	8.51E-03	8.51E-03	1.02E-01	-9.38E-02
COURSE GRID	378500.0	3729500.0	2.00E-02	0	2.00E-02	8.56E-02	-6.56E-02	72	8.83E-03	8.83E-03	8.56E-02	-7.68E-02
COURSE GRID	379000.0	3729500.0	2.15E-02	0	2.15E-02	8.36E-02	-6.21E-02	73	9.67E-03	9.67E-03	8.36E-02	-7.39E-02
COURSE GRID	379500.0	3729500.0	2.41E-02	0	2.41E-02	8.68E-02	-6.27E-02	74	1.11E-02	1.11E-02	8.68E-02	-7.57E-02
COURSE GRID	380000.0	3729500.0	2.59E-02	0	2.59E-02	9.06E-02	-6.47E-02	75	1.20E-02	1.20E-02	9.06E-02	-7.86E-02
COURSE GRID	380500.0	3729500.0	2.86E-02	0	2.86E-02	1.03E-01	-7.46E-02	76	1.36E-02	1.36E-02	1.03E-01	-8.96E-02
COURSE GRID	381000.0	3729500.0	3.10E-02	0	3.10E-02	1.01E-01	-6.95E-02	77	1.51E-02	1.51E-02	1.01E-01	-8.54E-02
COURSE GRID	381500.0	3729500.0	2.95E-02	0	2.95E-02	1.19E-01	-8.95E-02	78	1.36E-02	1.36E-02	1.19E-01	-1.05E-01
COURSE GRID	382000.0	3729500.0	3.04E-02	0	3.04E-02	1.18E-01	-8.77E-02	79	1.40E-02	1.40E-02	1.18E-01	-1.04E-01
COURSE GRID	382500.0	3729500.0	3.17E-02	0	3.17E-02	1.02E-01	-7.06E-02	80	1.46E-02	1.46E-02	1.02E-01	-8.77E-02
COURSE GRID	383000.0	3729500.0	3.13E-02	0	3.13E-02	1.06E-01	-7.51E-02	81	1.40E-02	1.40E-02	1.06E-01	-9.24E-02
COURSE GRID	383500.0	3729500.0	3.42E-02	0	3.42E-02	1.34E-01	-9.99E-02	82	1.57E-02	1.57E-02	1.34E-01	-1.18E-01

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION				PROPOSE PROJECT - WITH MITIGATION				
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	
COURSE GRID	384000.0	3729500.0	3.80E-02	0	3.80E-02	1.13E-01	-7.52E-02	83	1.78E-02	1.13E-01	-9.54E-02
COURSE GRID	384500.0	3729500.0	3.69E-02	0	3.69E-02	1.22E-01	-8.46E-02	84	1.75E-02	1.22E-01	-1.04E-01
COURSE GRID	385000.0	3729500.0	3.18E-02	0	3.18E-02	1.38E-01	-1.06E-01	85	1.53E-02	1.38E-01	-1.22E-01
COURSE GRID	385500.0	3729500.0	3.04E-02	0	3.04E-02	1.55E-01	-1.25E-01	86	1.52E-02	1.55E-01	-1.40E-01
COURSE GRID	386000.0	3729500.0	3.21E-02	0	3.21E-02	1.33E-01	-1.01E-01	87	1.52E-02	1.33E-01	-1.18E-01
COURSE GRID	386500.0	3729500.0	3.14E-02	0	3.14E-02	1.21E-01	-8.92E-02	88	1.52E-02	1.21E-01	-1.05E-01
COURSE GRID	387000.0	3729500.0	3.06E-02	0	3.06E-02	1.28E-01	-9.74E-02	89	1.47E-02	1.28E-01	-1.13E-01
COURSE GRID	387500.0	3729500.0	2.71E-02	0	2.71E-02	1.49E-01	-1.22E-01	90	1.32E-02	1.49E-01	-1.36E-01
COURSE GRID	388000.0	3729500.0	2.40E-02	0	2.40E-02	1.61E-01	-1.37E-01	91	1.13E-02	1.61E-01	-1.50E-01
COURSE GRID	388500.0	3729500.0	2.27E-02	0	2.27E-02	1.32E-01	-1.09E-01	92	1.06E-02	1.32E-01	-1.21E-01
COURSE GRID	389000.0	3729500.0	2.08E-02	0	2.08E-02	1.22E-01	-1.01E-01	93	9.69E-03	1.22E-01	-1.13E-01
COURSE GRID	389500.0	3729500.0	1.93E-02	0	1.93E-02	1.20E-01	-1.01E-01	94	8.91E-03	1.20E-01	-1.11E-01
COURSE GRID	390000.0	3729500.0	1.81E-02	0	1.81E-02	1.45E-01	-1.27E-01	95	8.31E-03	1.45E-01	-1.37E-01
COURSE GRID	390500.0	3729500.0	1.70E-02	0	1.70E-02	1.26E-01	-1.09E-01	96	7.75E-03	1.26E-01	-1.18E-01
COURSE GRID	391000.0	3729500.0	1.61E-02	0	1.61E-02	1.27E-01	-1.10E-01	97	7.35E-03	1.27E-01	-1.19E-01
COURSE GRID	391500.0	3729500.0	1.54E-02	0	1.54E-02	1.09E-01	-9.31E-02	98	6.96E-03	1.09E-01	-1.02E-01
COURSE GRID	392000.0	3729500.0	1.47E-02	0	1.47E-02	1.06E-01	-9.10E-02	99	6.57E-03	1.06E-01	-9.91E-02
COURSE GRID	392500.0	3729500.0	1.41E-02	0	1.41E-02	9.75E-02	-8.34E-02	100	6.32E-03	9.75E-02	-9.12E-02
COURSE GRID	393000.0	3729500.0	1.35E-02	0	1.35E-02	8.97E-02	-7.62E-02	101	6.07E-03	8.97E-02	-8.36E-02
COURSE GRID	393500.0	3729500.0	1.31E-02	0	1.31E-02	8.50E-02	-7.19E-02	102	5.88E-03	8.50E-02	-7.91E-02
COURSE GRID	377000.0	3730000.0	1.84E-02	0	1.84E-02	7.98E-02	-6.14E-02	103	8.27E-03	7.98E-02	-7.15E-02
COURSE GRID	377500.0	3730000.0	1.89E-02	0	1.89E-02	8.39E-02	-6.50E-02	104	8.57E-03	8.39E-02	-7.53E-02
COURSE GRID	378000.0	3730000.0	1.95E-02	0	1.95E-02	9.99E-02	-8.04E-02	105	8.88E-03	9.99E-02	-9.10E-02
COURSE GRID	378500.0	3730000.0	2.01E-02	0	2.01E-02	1.08E-01	-8.74E-02	106	9.10E-03	1.08E-01	-9.84E-02
COURSE GRID	379000.0	3730000.0	2.08E-02	0	2.08E-02	8.98E-02	-6.90E-02	107	9.36E-03	8.98E-02	-8.04E-02
COURSE GRID	379500.0	3730000.0	2.24E-02	0	2.24E-02	8.57E-02	-6.33E-02	108	1.02E-02	8.57E-02	-7.55E-02
COURSE GRID	380000.0	3730000.0	2.45E-02	0	2.45E-02	9.49E-02	-7.04E-02	109	1.12E-02	9.49E-02	-8.37E-02
COURSE GRID	380500.0	3730000.0	2.76E-02	0	2.76E-02	1.01E-01	-7.30E-02	110	1.30E-02	1.01E-01	-8.76E-02
COURSE GRID	381000.0	3730000.0	3.03E-02	0	3.03E-02	1.01E-01	-7.07E-02	111	1.42E-02	1.01E-01	-8.68E-02
COURSE GRID	381500.0	3730000.0	3.50E-02	0	3.50E-02	1.13E-01	-7.81E-02	112	1.67E-02	1.13E-01	-9.64E-02
COURSE GRID	382000.0	3730000.0	3.39E-02	0	3.39E-02	1.31E-01	-9.67E-02	113	1.57E-02	1.31E-01	-1.15E-01
COURSE GRID	382500.0	3730000.0	3.33E-02	0	3.33E-02	1.09E-01	-7.59E-02	114	1.49E-02	1.09E-01	-9.43E-02
COURSE GRID	383000.0	3730000.0	3.51E-02	0	3.51E-02	1.11E-01	-7.58E-02	115	1.58E-02	1.11E-01	-9.51E-02
COURSE GRID	383500.0	3730000.0	3.73E-02	0	3.73E-02	1.40E-01	-1.02E-01	116	1.67E-02	1.40E-01	-1.23E-01
COURSE GRID	384000.0	3730000.0	4.03E-02	0	4.03E-02	1.17E-01	-7.71E-02	117	1.81E-02	1.17E-01	-9.93E-02
COURSE GRID	384500.0	3730000.0	3.71E-02	0	3.71E-02	1.24E-01	-8.71E-02	118	1.70E-02	1.24E-01	-1.07E-01
COURSE GRID	385000.0	3730000.0	3.51E-02	0	3.51E-02	1.51E-01	-1.16E-01	119	1.67E-02	1.51E-01	-1.35E-01
COURSE GRID	385500.0	3730000.0	3.55E-02	0	3.55E-02	1.33E-01	-9.76E-02	120	1.68E-02	1.33E-01	-1.16E-01
COURSE GRID	386000.0	3730000.0	3.65E-02	0	3.65E-02	1.39E-01	-1.02E-01	121	1.73E-02	1.39E-01	-1.21E-01
COURSE GRID	386500.0	3730000.0	3.21E-02	0	3.21E-02	1.24E-01	-9.21E-02	122	1.55E-02	1.24E-01	-1.09E-01
COURSE GRID	387000.0	3730000.0	2.85E-02	0	2.85E-02	1.43E-01	-1.14E-01	123	1.36E-02	1.43E-01	-1.29E-01

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION							
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	Rec #	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	387500.0	3730000.0	2.63E-02	0	2.63E-02	1.58E-01	-1.32E-01	124	1.25E-02	0	1.25E-02	1.58E-01	-1.45E-01
COURSE GRID	388000.0	3730000.0	2.40E-02	0	2.40E-02	1.41E-01	-1.17E-01	125	1.12E-02	0	1.12E-02	1.41E-01	-1.30E-01
COURSE GRID	388500.0	3730000.0	2.22E-02	0	2.22E-02	1.21E-01	-9.88E-02	126	1.03E-02	0	1.03E-02	1.21E-01	-1.11E-01
COURSE GRID	389000.0	3730000.0	2.08E-02	0	2.08E-02	1.29E-01	-1.08E-01	127	9.60E-03	0	9.60E-03	1.29E-01	-1.19E-01
COURSE GRID	389500.0	3730000.0	1.92E-02	0	1.92E-02	1.46E-01	-1.27E-01	128	8.83E-03	0	8.83E-03	1.46E-01	-1.37E-01
COURSE GRID	390000.0	3730000.0	1.79E-02	0	1.79E-02	1.41E-01	-1.23E-01	129	8.20E-03	0	8.20E-03	1.41E-01	-1.33E-01
COURSE GRID	390500.0	3730000.0	1.69E-02	0	1.69E-02	1.30E-01	-1.13E-01	130	7.71E-03	0	7.71E-03	1.30E-01	-1.23E-01
COURSE GRID	391000.0	3730000.0	1.64E-02	0	1.64E-02	1.18E-01	-1.02E-01	131	7.50E-03	0	7.50E-03	1.18E-01	-1.11E-01
COURSE GRID	391500.0	3730000.0	1.57E-02	0	1.57E-02	1.15E-01	-9.91E-02	132	7.20E-03	0	7.20E-03	1.15E-01	-1.08E-01
COURSE GRID	392000.0	3730000.0	1.51E-02	0	1.51E-02	9.64E-02	-8.13E-02	133	6.94E-03	0	6.94E-03	9.64E-02	-8.95E-02
COURSE GRID	392500.0	3730000.0	1.45E-02	0	1.45E-02	9.22E-02	-7.77E-02	134	6.67E-03	0	6.67E-03	9.22E-02	-8.55E-02
COURSE GRID	393000.0	3730000.0	1.40E-02	0	1.40E-02	1.03E-01	-8.90E-02	135	6.48E-03	0	6.48E-03	1.03E-01	-9.65E-02
COURSE GRID	393500.0	3730000.0	1.35E-02	0	1.35E-02	1.10E-01	-9.61E-02	136	6.29E-03	0	6.29E-03	1.10E-01	-1.03E-01
COURSE GRID	377000.0	3730500.0	1.91E-02	0	1.91E-02	8.27E-02	-6.36E-02	137	8.74E-03	0	8.74E-03	8.27E-02	-7.40E-02
COURSE GRID	377500.0	3730500.0	1.96E-02	0	1.96E-02	8.47E-02	-6.51E-02	138	9.05E-03	0	9.05E-03	8.47E-02	-7.56E-02
COURSE GRID	378000.0	3730500.0	2.00E-02	0	2.00E-02	8.86E-02	-6.86E-02	139	9.26E-03	0	9.26E-03	8.86E-02	-7.93E-02
COURSE GRID	378500.0	3730500.0	2.07E-02	0	2.07E-02	1.03E-01	-8.18E-02	140	9.56E-03	0	9.56E-03	1.03E-01	-9.29E-02
COURSE GRID	379000.0	3730500.0	2.20E-02	0	2.20E-02	1.14E-01	-9.17E-02	141	1.02E-02	0	1.02E-02	1.14E-01	-1.03E-01
COURSE GRID	379500.0	3730500.0	2.31E-02	0	2.31E-02	9.36E-02	-7.05E-02	142	1.08E-02	0	1.08E-02	9.36E-02	-8.28E-02
COURSE GRID	380000.0	3730500.0	2.34E-02	0	2.34E-02	9.72E-02	-7.38E-02	143	1.08E-02	0	1.08E-02	9.72E-02	-8.64E-02
COURSE GRID	380500.0	3730500.0	2.54E-02	0	2.54E-02	1.03E-01	-7.80E-02	144	1.17E-02	0	1.17E-02	1.03E-01	-9.17E-02
COURSE GRID	381000.0	3730500.0	2.90E-02	0	2.90E-02	1.04E-01	-7.49E-02	145	1.34E-02	0	1.34E-02	1.04E-01	-9.05E-02
COURSE GRID	381500.0	3730500.0	3.32E-02	0	3.32E-02	1.14E-01	-8.05E-02	146	1.59E-02	0	1.59E-02	1.14E-01	-9.78E-02
COURSE GRID	382000.0	3730500.0	3.92E-02	0	3.92E-02	1.48E-01	-1.08E-01	147	1.81E-02	0	1.81E-02	1.48E-01	-1.29E-01
COURSE GRID	382500.0	3730500.0	3.98E-02	0	3.98E-02	1.22E-01	-8.25E-02	148	1.85E-02	0	1.85E-02	1.22E-01	-1.04E-01
COURSE GRID	383000.0	3730500.0	3.73E-02	0	3.73E-02	1.17E-01	-7.94E-02	149	1.72E-02	0	1.72E-02	1.17E-01	-9.95E-02
COURSE GRID	383500.0	3730500.0	4.15E-02	0	4.15E-02	1.43E-01	-1.01E-01	150	1.82E-02	0	1.82E-02	1.43E-01	-1.25E-01
COURSE GRID	384000.0	3730500.0	4.11E-02	0	4.11E-02	1.24E-01	-8.33E-02	151	1.86E-02	0	1.86E-02	1.24E-01	-1.06E-01
COURSE GRID	384500.0	3730500.0	3.53E-02	0	3.53E-02	1.48E-01	-1.13E-01	152	1.71E-02	0	1.71E-02	1.48E-01	-1.31E-01
COURSE GRID	385000.0	3730500.0	4.14E-02	0	4.14E-02	1.33E-01	-9.12E-02	153	1.94E-02	0	1.94E-02	1.33E-01	-1.13E-01
COURSE GRID	385500.0	3730500.0	3.89E-02	0	3.89E-02	1.40E-01	-1.01E-01	154	1.82E-02	0	1.82E-02	1.40E-01	-1.21E-01
COURSE GRID	386000.0	3730500.0	3.57E-02	0	3.57E-02	1.40E-01	-1.04E-01	155	1.70E-02	0	1.70E-02	1.40E-01	-1.23E-01
COURSE GRID	386500.0	3730500.0	3.14E-02	0	3.14E-02	1.33E-01	-1.01E-01	156	1.48E-02	0	1.48E-02	1.33E-01	-1.18E-01
COURSE GRID	387000.0	3730500.0	2.85E-02	0	2.85E-02	1.65E-01	-1.37E-01	157	1.35E-02	0	1.35E-02	1.65E-01	-1.52E-01
COURSE GRID	387500.0	3730500.0	2.56E-02	0	2.56E-02	1.56E-01	-1.31E-01	158	1.20E-02	0	1.20E-02	1.56E-01	-1.44E-01
COURSE GRID	388000.0	3730500.0	2.36E-02	0	2.36E-02	1.24E-01	-1.00E-01	159	1.10E-02	0	1.10E-02	1.24E-01	-1.13E-01
COURSE GRID	388500.0	3730500.0	2.23E-02	0	2.23E-02	1.37E-01	-1.14E-01	160	1.04E-02	0	1.04E-02	1.37E-01	-1.26E-01
COURSE GRID	389000.0	3730500.0	2.12E-02	0	2.12E-02	1.38E-01	-1.16E-01	161	9.93E-03	0	9.93E-03	1.38E-01	-1.28E-01
COURSE GRID	389500.0	3730500.0	1.99E-02	0	1.99E-02	1.44E-01	-1.24E-01	162	9.35E-03	0	9.35E-03	1.44E-01	-1.34E-01
COURSE GRID	390000.0	3730500.0	1.85E-02	0	1.85E-02	1.31E-01	-1.12E-01	163	8.69E-03	0	8.69E-03	1.31E-01	-1.22E-01
COURSE GRID	390500.0	3730500.0	1.76E-02	0	1.76E-02	1.39E-01	-1.22E-01	164	8.32E-03	0	8.32E-03	1.39E-01	-1.31E-01

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION							
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	Rec #	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	391000.0	3730500.0	1.67E-02	0	1.67E-02	1.17E-01	-1.01E-01	165	7.86E-03	0	7.86E-03	1.17E-01	-1.10E-01
COURSE GRID	391500.0	3730500.0	1.60E-02	0	1.60E-02	1.01E-01	-8.46E-02	166	7.47E-03	0	7.47E-03	1.01E-01	-9.31E-02
COURSE GRID	392000.0	3730500.0	1.52E-02	0	1.52E-02	1.11E-01	-9.54E-02	167	7.11E-03	0	7.11E-03	1.11E-01	-1.03E-01
COURSE GRID	392500.0	3730500.0	1.46E-02	0	1.46E-02	1.20E-01	-1.05E-01	168	6.78E-03	0	6.78E-03	1.20E-01	-1.13E-01
COURSE GRID	393000.0	3730500.0	1.39E-02	0	1.39E-02	1.10E-01	-9.60E-02	169	6.42E-03	0	6.42E-03	1.10E-01	-1.03E-01
COURSE GRID	393500.0	3730500.0	1.33E-02	0	1.33E-02	9.14E-02	-7.81E-02	170	6.09E-03	0	6.09E-03	9.14E-02	-8.53E-02
COURSE GRID	377000.0	3731000.0	1.94E-02	0	1.94E-02	8.46E-02	-6.52E-02	171	8.96E-03	0	8.96E-03	8.46E-02	-7.56E-02
COURSE GRID	377500.0	3731000.0	2.00E-02	0	2.00E-02	8.65E-02	-6.65E-02	172	9.34E-03	0	9.34E-03	8.65E-02	-7.72E-02
COURSE GRID	378000.0	3731000.0	2.07E-02	0	2.07E-02	8.93E-02	-6.86E-02	173	9.71E-03	0	9.71E-03	8.93E-02	-7.96E-02
COURSE GRID	378500.0	3731000.0	2.16E-02	0	2.16E-02	9.33E-02	-7.17E-02	174	1.02E-02	0	1.02E-02	9.33E-02	-8.31E-02
COURSE GRID	379000.0	3731000.0	2.28E-02	0	2.28E-02	1.06E-01	-8.29E-02	175	1.07E-02	0	1.07E-02	1.06E-01	-9.50E-02
COURSE GRID	379500.0	3731000.0	2.38E-02	0	2.38E-02	1.27E-01	-1.03E-01	176	1.11E-02	0	1.11E-02	1.27E-01	-1.16E-01
COURSE GRID	380000.0	3731000.0	2.11E-02	0	2.11E-02	9.10E-02	-6.99E-02	177	9.73E-03	0	9.73E-03	9.10E-02	-8.13E-02
COURSE GRID	380500.0	3731000.0	2.62E-02	0	2.62E-02	1.10E-01	-8.36E-02	178	1.21E-02	0	1.21E-02	1.10E-01	-9.77E-02
COURSE GRID	381000.0	3731000.0	2.95E-02	0	2.95E-02	1.18E-01	-8.84E-02	179	1.36E-02	0	1.36E-02	1.18E-01	-1.04E-01
COURSE GRID	381500.0	3731000.0	3.16E-02	0	3.16E-02	1.15E-01	-8.33E-02	180	1.46E-02	0	1.46E-02	1.15E-01	-1.00E-01
COURSE GRID	382000.0	3731000.0	3.72E-02	0	3.72E-02	1.44E-01	-1.06E-01	181	1.71E-02	0	1.71E-02	1.44E-01	-1.26E-01
COURSE GRID	382500.0	3731000.0	4.70E-02	0	4.70E-02	1.29E-01	-8.24E-02	182	2.12E-02	0	2.12E-02	1.29E-01	-1.08E-01
COURSE GRID	383000.0	3731000.0	4.00E-02	0	4.00E-02	1.30E-01	-9.01E-02	183	1.79E-02	0	1.79E-02	1.30E-01	-1.12E-01
COURSE GRID	383500.0	3731000.0	3.62E-02	0	3.62E-02	1.46E-01	-1.09E-01	184	1.78E-02	0	1.78E-02	1.46E-01	-1.28E-01
COURSE GRID	384000.0	3731000.0	4.43E-02	0	4.43E-02	1.58E-01	-1.14E-01	185	1.91E-02	0	1.91E-02	1.58E-01	-1.39E-01
COURSE GRID	384500.0	3731000.0	4.55E-02	0	4.55E-02	1.43E-01	-9.78E-02	186	2.06E-02	0	2.06E-02	1.43E-01	-1.23E-01
COURSE GRID	385000.0	3731000.0	4.32E-02	0	4.32E-02	1.38E-01	-9.50E-02	187	2.06E-02	0	2.06E-02	1.38E-01	-1.18E-01
COURSE GRID	385500.0	3731000.0	3.84E-02	0	3.84E-02	1.46E-01	-1.08E-01	188	1.82E-02	0	1.82E-02	1.46E-01	-1.28E-01
COURSE GRID	386000.0	3731000.0	3.41E-02	0	3.41E-02	1.35E-01	-1.01E-01	189	1.63E-02	0	1.63E-02	1.35E-01	-1.18E-01
COURSE GRID	386500.0	3731000.0	3.12E-02	0	3.12E-02	1.73E-01	-1.41E-01	190	1.48E-02	0	1.48E-02	1.73E-01	-1.58E-01
COURSE GRID	387000.0	3731000.0	2.88E-02	0	2.88E-02	1.80E-01	-1.52E-01	191	1.38E-02	0	1.38E-02	1.80E-01	-1.67E-01
COURSE GRID	387500.0	3731000.0	2.64E-02	0	2.64E-02	1.38E-01	-1.11E-01	192	1.26E-02	0	1.26E-02	1.38E-01	-1.25E-01
COURSE GRID	388000.0	3731000.0	2.44E-02	0	2.44E-02	1.32E-01	-1.08E-01	193	1.15E-02	0	1.15E-02	1.32E-01	-1.21E-01
COURSE GRID	388500.0	3731000.0	2.28E-02	0	2.28E-02	1.29E-01	-1.06E-01	194	1.07E-02	0	1.07E-02	1.29E-01	-1.18E-01
COURSE GRID	389000.0	3731000.0	2.12E-02	0	2.12E-02	1.38E-01	-1.17E-01	195	9.86E-03	0	9.86E-03	1.38E-01	-1.28E-01
COURSE GRID	389500.0	3731000.0	1.96E-02	0	1.96E-02	1.50E-01	-1.30E-01	196	9.06E-03	0	9.06E-03	1.50E-01	-1.40E-01
COURSE GRID	390000.0	3731000.0	1.84E-02	0	1.84E-02	1.54E-01	-1.35E-01	197	8.46E-03	0	8.46E-03	1.54E-01	-1.45E-01
COURSE GRID	390500.0	3731000.0	1.72E-02	0	1.72E-02	1.19E-01	-1.02E-01	198	7.88E-03	0	7.88E-03	1.19E-01	-1.11E-01
COURSE GRID	391000.0	3731000.0	1.61E-02	0	1.61E-02	1.25E-01	-1.09E-01	199	7.29E-03	0	7.29E-03	1.25E-01	-1.18E-01
COURSE GRID	391500.0	3731000.0	1.54E-02	0	1.54E-02	1.30E-01	-1.14E-01	200	6.94E-03	0	6.94E-03	1.30E-01	-1.23E-01
COURSE GRID	392000.0	3731000.0	1.48E-02	0	1.48E-02	1.22E-01	-1.07E-01	201	6.64E-03	0	6.64E-03	1.22E-01	-1.15E-01
COURSE GRID	392500.0	3731000.0	1.41E-02	0	1.41E-02	9.93E-02	-8.52E-02	202	6.34E-03	0	6.34E-03	9.93E-02	-9.30E-02
COURSE GRID	393000.0	3731000.0	1.35E-02	0	1.35E-02	9.30E-02	-7.95E-02	203	6.05E-03	0	6.05E-03	9.30E-02	-8.69E-02
COURSE GRID	393500.0	3731000.0	1.29E-02	0	1.29E-02	9.00E-02	-7.71E-02	204	5.78E-03	0	5.78E-03	9.00E-02	-8.42E-02
COURSE GRID	377000.0	3731500.0	2.04E-02	0	2.04E-02	8.55E-02	-6.51E-02	205	9.43E-03	0	9.43E-03	8.55E-02	-7.61E-02

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION							
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	Rec #	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	377500.0	3731500.0	2.15E-02	0	2.15E-02	8.83E-02	-6.68E-02	206	9.95E-03	0	9.95E-03	8.83E-02	-7.83E-02
COURSE GRID	378000.0	3731500.0	2.25E-02	0	2.25E-02	9.56E-02	-7.31E-02	207	1.04E-02	0	1.04E-02	9.56E-02	-8.52E-02
COURSE GRID	378500.0	3731500.0	2.42E-02	0	2.42E-02	1.01E-01	-7.69E-02	208	1.12E-02	0	1.12E-02	1.01E-01	-8.99E-02
COURSE GRID	379000.0	3731500.0	1.91E-02	0	1.91E-02	8.83E-02	-6.92E-02	209	8.75E-03	0	8.75E-03	8.83E-02	-7.95E-02
COURSE GRID	379500.0	3731500.0	2.52E-02	0	2.52E-02	1.10E-01	-8.45E-02	210	1.13E-02	0	1.13E-02	1.10E-01	-9.84E-02
COURSE GRID	380000.0	3731500.0	2.48E-02	0	2.48E-02	1.30E-01	-1.05E-01	211	1.10E-02	0	1.10E-02	1.30E-01	-1.19E-01
COURSE GRID	380500.0	3731500.0	3.10E-02	0	3.10E-02	1.16E-01	-8.51E-02	212	1.47E-02	0	1.47E-02	1.16E-01	-1.01E-01
COURSE GRID	381000.0	3731500.0	3.34E-02	0	3.34E-02	1.14E-01	-8.02E-02	213	1.59E-02	0	1.59E-02	1.14E-01	-9.77E-02
COURSE GRID	381500.0	3731500.0	3.54E-02	0	3.54E-02	1.22E-01	-8.64E-02	214	1.63E-02	0	1.63E-02	1.22E-01	-1.05E-01
COURSE GRID	382000.0	3731500.0	3.98E-02	0	3.98E-02	1.46E-01	-1.06E-01	215	1.84E-02	0	1.84E-02	1.46E-01	-1.28E-01
COURSE GRID	382500.0	3731500.0	4.14E-02	0	4.14E-02	1.51E-01	-1.09E-01	216	1.94E-02	0	1.94E-02	1.51E-01	-1.31E-01
COURSE GRID	383000.0	3731500.0	4.10E-02	0	4.10E-02	1.40E-01	-9.94E-02	217	1.82E-02	0	1.82E-02	1.40E-01	-1.22E-01
COURSE GRID	384500.0	3731500.0	4.29E-02	0	4.29E-02	1.44E-01	-1.01E-01	218	1.91E-02	0	1.91E-02	1.44E-01	-1.25E-01
COURSE GRID	385000.0	3731500.0	4.21E-02	0	4.21E-02	1.48E-01	-1.05E-01	219	2.02E-02	0	2.02E-02	1.48E-01	-1.27E-01
COURSE GRID	385500.0	3731500.0	3.75E-02	0	3.75E-02	1.57E-01	-1.20E-01	220	1.81E-02	0	1.81E-02	1.57E-01	-1.39E-01
COURSE GRID	386000.0	3731500.0	3.31E-02	0	3.31E-02	1.70E-01	-1.37E-01	221	1.59E-02	0	1.59E-02	1.70E-01	-1.54E-01
COURSE GRID	386500.0	3731500.0	3.02E-02	0	3.02E-02	2.07E-01	-1.77E-01	222	1.43E-02	0	1.43E-02	2.07E-01	-1.92E-01
COURSE GRID	387000.0	3731500.0	2.74E-02	0	2.74E-02	1.32E-01	-1.05E-01	223	1.29E-02	0	1.29E-02	1.32E-01	-1.19E-01
COURSE GRID	387500.0	3731500.0	2.50E-02	0	2.50E-02	1.39E-01	-1.14E-01	224	1.17E-02	0	1.17E-02	1.39E-01	-1.27E-01
COURSE GRID	388000.0	3731500.0	2.33E-02	0	2.33E-02	1.29E-01	-1.06E-01	225	1.07E-02	0	1.07E-02	1.29E-01	-1.18E-01
COURSE GRID	388500.0	3731500.0	3.02E-02	0	3.02E-02	2.07E-01	-1.77E-01	226	1.43E-02	0	1.43E-02	2.07E-01	-1.92E-01
COURSE GRID	389000.0	3731500.0	2.06E-02	0	2.06E-02	1.52E-01	-1.31E-01	227	9.35E-03	0	9.35E-03	1.52E-01	-1.43E-01
COURSE GRID	389500.0	3731500.0	1.94E-02	0	1.94E-02	1.46E-01	-1.27E-01	228	8.80E-03	0	8.80E-03	1.46E-01	-1.37E-01
COURSE GRID	390000.0	3731500.0	1.84E-02	0	1.84E-02	1.57E-01	-1.38E-01	229	8.29E-03	0	8.29E-03	1.57E-01	-1.48E-01
COURSE GRID	390500.0	3731500.0	1.72E-02	0	1.72E-02	1.50E-01	-1.33E-01	230	7.70E-03	0	7.70E-03	1.50E-01	-1.42E-01
COURSE GRID	391000.0	3731500.0	1.65E-02	0	1.65E-02	1.31E-01	-1.14E-01	231	7.37E-03	0	7.37E-03	1.31E-01	-1.23E-01
COURSE GRID	391500.0	3731500.0	1.59E-02	0	1.59E-02	1.14E-01	-9.78E-02	232	7.05E-03	0	7.05E-03	1.14E-01	-1.07E-01
COURSE GRID	392000.0	3731500.0	1.53E-02	0	1.53E-02	1.06E-01	-9.06E-02	233	6.71E-03	0	6.71E-03	1.06E-01	-9.92E-02
COURSE GRID	392500.0	3731500.0	1.42E-02	0	1.42E-02	1.01E-01	-8.58E-02	234	6.43E-03	0	6.43E-03	1.01E-01	-9.41E-02
COURSE GRID	393000.0	3731500.0	1.42E-02	0	1.42E-02	9.43E-02	-8.01E-02	235	6.18E-03	0	6.18E-03	9.43E-02	-8.81E-02
COURSE GRID	393500.0	3731500.0	1.36E-02	0	1.36E-02	9.34E-02	-7.98E-02	236	5.93E-03	0	5.93E-03	9.34E-02	-8.75E-02
COURSE GRID	377000.0	3732000.0	1.97E-02	0	1.97E-02	1.01E-01	-8.09E-02	237	8.61E-03	0	8.61E-03	1.01E-01	-9.20E-02
COURSE GRID	377500.0	3732000.0	2.03E-02	0	2.03E-02	9.83E-02	-7.80E-02	238	8.87E-03	0	8.87E-03	9.83E-02	-8.94E-02
COURSE GRID	378000.0	3732000.0	1.72E-02	0	1.72E-02	8.07E-02	-7.15E-02	239	7.72E-03	0	7.72E-03	8.07E-02	-8.10E-02
COURSE GRID	378500.0	3732000.0	1.63E-02	0	1.63E-02	6.44E-02	-6.44E-02	240	7.42E-03	0	7.42E-03	8.87E-02	-7.33E-02
COURSE GRID	379000.0	3732000.0	1.81E-02	0	1.81E-02	8.84E-02	-7.03E-02	241	8.54E-03	0	8.54E-03	8.84E-02	-7.99E-02
COURSE GRID	379500.0	3732000.0	2.08E-02	0	2.08E-02	1.05E-01	-8.45E-02	242	9.76E-03	0	9.76E-03	1.05E-01	-9.55E-02
COURSE GRID	380000.0	3732000.0	2.28E-02	0	2.28E-02	1.15E-01	-9.21E-02	243	1.09E-02	0	1.09E-02	1.15E-01	-1.04E-01
COURSE GRID	380500.0	3732000.0	2.79E-02	0	2.79E-02	1.45E-01	-1.17E-01	244	1.35E-02	0	1.35E-02	1.45E-01	-1.32E-01
COURSE GRID	381000.0	3732000.0	3.11E-02	0	3.11E-02	1.27E-01	-9.63E-02	245	1.50E-02	0	1.50E-02	1.27E-01	-1.12E-01
COURSE GRID	381500.0	3732000.0	3.50E-02	0	3.50E-02	1.30E-01	-9.53E-02	246	1.66E-02	0	1.66E-02	1.30E-01	-1.14E-01

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION					PROPOSE PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	Rec #	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	382000.0	3732000.0	3.64E-02	0	3.64E-02	1.46E-01	-1.10E-01	247	1.74E-02	0	1.74E-02	1.46E-01	-1.29E-01
COURSE GRID	382500.0	3732000.0	3.99E-02	0	3.99E-02	1.78E-01	-1.38E-01	248	1.93E-02	0	1.93E-02	1.78E-01	-1.59E-01
COURSE GRID	383000.0	3732000.0	4.44E-02	0	4.44E-02	1.56E-01	-1.11E-01	249	1.97E-02	0	1.97E-02	1.56E-01	-1.36E-01
COURSE GRID	383500.0	3732000.0	3.89E-02	0	3.89E-02	1.99E-01	-1.60E-01	250	1.85E-02	0	1.85E-02	1.99E-01	-1.81E-01
COURSE GRID	384000.0	3732000.0	4.42E-02	0	4.42E-02	1.47E-01	-1.02E-01	251	2.06E-02	0	2.06E-02	1.47E-01	-1.26E-01
COURSE GRID	384500.0	3732000.0	4.42E-02	0	4.42E-02	1.50E-01	-1.05E-01	252	2.11E-02	0	2.11E-02	1.50E-01	-1.28E-01
COURSE GRID	385000.0	3732000.0	4.05E-02	0	4.05E-02	1.47E-01	-1.06E-01	253	2.04E-02	0	2.04E-02	1.47E-01	-1.26E-01
COURSE GRID	385500.0	3732000.0	3.59E-02	0	3.59E-02	1.64E-01	-1.28E-01	254	1.78E-02	0	1.78E-02	1.64E-01	-1.46E-01
COURSE GRID	386000.0	3732000.0	3.22E-02	0	3.22E-02	2.05E-01	-1.72E-01	255	1.56E-02	0	1.56E-02	2.05E-01	-1.89E-01
COURSE GRID	386500.0	3732000.0	2.83E-02	0	2.83E-02	1.39E-01	-1.11E-01	256	1.36E-02	0	1.36E-02	1.39E-01	-1.26E-01
COURSE GRID	387000.0	3732000.0	2.54E-02	0	2.54E-02	1.47E-01	-1.21E-01	257	1.21E-02	0	1.21E-02	1.47E-01	-1.35E-01
COURSE GRID	387500.0	3732000.0	2.36E-02	0	2.36E-02	1.44E-01	-1.20E-01	258	1.11E-02	0	1.11E-02	1.44E-01	-1.33E-01
COURSE GRID	388000.0	3732000.0	2.18E-02	0	2.18E-02	1.44E-01	-1.22E-01	259	1.01E-02	0	1.01E-02	1.44E-01	-1.34E-01
COURSE GRID	388500.0	3732000.0	2.06E-02	0	2.06E-02	1.53E-01	-1.33E-01	260	9.46E-03	0	9.46E-03	1.53E-01	-1.44E-01
COURSE GRID	389000.0	3732000.0	1.95E-02	0	1.95E-02	1.63E-01	-1.44E-01	261	8.88E-03	0	8.88E-03	1.63E-01	-1.54E-01
COURSE GRID	389500.0	3732000.0	1.86E-02	0	1.86E-02	1.78E-01	-1.59E-01	262	8.46E-03	0	8.46E-03	1.78E-01	-1.69E-01
COURSE GRID	390000.0	3732000.0	1.74E-02	0	1.74E-02	1.51E-01	-1.33E-01	263	7.91E-03	0	7.91E-03	1.51E-01	-1.43E-01
COURSE GRID	390500.0	3732000.0	1.65E-02	0	1.65E-02	1.28E-01	-1.11E-01	264	7.44E-03	0	7.44E-03	1.28E-01	-1.20E-01
COURSE GRID	391000.0	3732000.0	1.59E-02	0	1.59E-02	1.20E-01	-1.04E-01	265	7.15E-03	0	7.15E-03	1.20E-01	-1.13E-01
COURSE GRID	391500.0	3732000.0	1.54E-02	0	1.54E-02	1.13E-01	-9.74E-02	266	6.87E-03	0	6.87E-03	1.13E-01	-1.06E-01
COURSE GRID	392000.0	3732000.0	1.49E-02	0	1.49E-02	1.04E-01	-8.95E-02	267	6.58E-03	0	6.58E-03	1.04E-01	-9.78E-02
COURSE GRID	392500.0	3732000.0	1.44E-02	0	1.44E-02	9.82E-02	-8.38E-02	268	6.32E-03	0	6.32E-03	9.82E-02	-9.19E-02
COURSE GRID	393000.0	3732000.0	1.41E-02	0	1.41E-02	9.88E-02	-8.47E-02	269	6.12E-03	0	6.12E-03	9.88E-02	-9.27E-02
COURSE GRID	393500.0	3732000.0	1.37E-02	0	1.37E-02	9.29E-02	-7.92E-02	270	5.96E-03	0	5.96E-03	9.29E-02	-8.69E-02
COURSE GRID	377000.0	3732500.0	1.54E-02	0	1.54E-02	8.54E-02	-7.00E-02	271	7.20E-03	0	7.20E-03	8.54E-02	-7.82E-02
COURSE GRID	377500.0	3732500.0	1.52E-02	0	1.52E-02	7.83E-02	-6.31E-02	272	7.17E-03	0	7.17E-03	7.83E-02	-7.11E-02
COURSE GRID	378000.0	3732500.0	1.63E-02	0	1.63E-02	7.73E-02	-6.10E-02	273	7.85E-03	0	7.85E-03	7.73E-02	-6.94E-02
COURSE GRID	378500.0	3732500.0	1.78E-02	0	1.78E-02	7.92E-02	-6.14E-02	274	8.73E-03	0	8.73E-03	7.92E-02	-7.05E-02
COURSE GRID	379000.0	3732500.0	2.03E-02	0	2.03E-02	9.31E-02	-7.28E-02	275	9.65E-03	0	9.65E-03	9.31E-02	-8.34E-02
COURSE GRID	379500.0	3732500.0	2.24E-02	0	2.24E-02	1.10E-01	-8.78E-02	276	1.03E-02	0	1.03E-02	1.10E-01	-9.99E-02
COURSE GRID	380000.0	3732500.0	2.52E-02	0	2.52E-02	1.34E-01	-1.08E-01	277	1.17E-02	0	1.17E-02	1.34E-01	-1.22E-01
COURSE GRID	380500.0	3732500.0	2.61E-02	0	2.61E-02	1.44E-01	-1.18E-01	278	1.24E-02	0	1.24E-02	1.44E-01	-1.31E-01
COURSE GRID	381000.0	3732500.0	2.88E-02	0	2.88E-02	1.65E-01	-1.36E-01	279	1.46E-02	0	1.46E-02	1.65E-01	-1.50E-01
COURSE GRID	381500.0	3732500.0	3.35E-02	0	3.35E-02	1.49E-01	-1.15E-01	280	1.69E-02	0	1.69E-02	1.49E-01	-1.32E-01
COURSE GRID	382000.0	3732500.0	3.14E-02	0	3.14E-02	1.58E-01	-1.26E-01	281	1.45E-02	0	1.45E-02	1.58E-01	-1.43E-01
COURSE GRID	382500.0	3732500.0	4.08E-02	0	4.08E-02	1.87E-01	-1.46E-01	282	1.96E-02	0	1.96E-02	1.87E-01	-1.68E-01
COURSE GRID	383000.0	3732500.0	3.70E-02	0	3.70E-02	2.02E-01	-1.65E-01	283	1.82E-02	0	1.82E-02	2.02E-01	-1.84E-01
COURSE GRID	383500.0	3732500.0	3.71E-02	0	3.71E-02	1.73E-01	-1.36E-01	284	1.74E-02	0	1.74E-02	1.73E-01	-1.55E-01
COURSE GRID	384000.0	3732500.0	4.05E-02	0	4.05E-02	1.60E-01	-1.20E-01	285	1.96E-02	0	1.96E-02	1.60E-01	-1.41E-01
COURSE GRID	384500.0	3732500.0	3.74E-02	0	3.74E-02	1.73E-01	-1.36E-01	286	1.79E-02	0	1.79E-02	1.73E-01	-1.55E-01
COURSE GRID	385000.0	3732500.0	3.55E-02	0	3.55E-02	1.62E-01	-1.27E-01	287	1.70E-02	0	1.70E-02	1.62E-01	-1.45E-01

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	Rec #	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE
COURSE GRID	385500.0	3732500.0	3.38E-02	0	3.38E-02	1.98E-01	-1.64E-01	288	1.67E-02	1.67E-02	1.98E-01	-1.81E-01
COURSE GRID	386000.0	3732500.0	3.18E-02	0	3.18E-02	1.52E-01	-1.20E-01	289	1.58E-02	1.58E-02	1.52E-01	-1.36E-01
COURSE GRID	386500.0	3732500.0	2.89E-02	0	2.89E-02	1.60E-01	-1.31E-01	290	1.44E-02	1.44E-02	1.60E-01	-1.46E-01
COURSE GRID	387000.0	3732500.0	2.59E-02	0	2.59E-02	1.56E-01	-1.30E-01	291	1.27E-02	1.27E-02	1.56E-01	-1.43E-01
COURSE GRID	387500.0	3732500.0	2.42E-02	0	2.42E-02	1.61E-01	-1.36E-01	292	1.17E-02	1.17E-02	1.61E-01	-1.49E-01
COURSE GRID	388000.0	3732500.0	2.25E-02	0	2.25E-02	1.48E-01	-1.26E-01	293	1.07E-02	1.07E-02	1.48E-01	-1.38E-01
COURSE GRID	388500.0	3732500.0	2.10E-02	0	2.10E-02	1.80E-01	-1.59E-01	294	9.91E-03	9.91E-03	1.80E-01	-1.70E-01
COURSE GRID	389000.0	3732500.0	1.95E-02	0	1.95E-02	1.73E-01	-1.53E-01	295	9.05E-03	9.05E-03	1.73E-01	-1.64E-01
COURSE GRID	389500.0	3732500.0	1.81E-02	0	1.81E-02	1.44E-01	-1.26E-01	296	8.30E-03	8.30E-03	1.44E-01	-1.36E-01
COURSE GRID	390000.0	3732500.0	1.68E-02	0	1.68E-02	1.41E-01	-1.24E-01	297	7.67E-03	7.67E-03	1.41E-01	-1.33E-01
COURSE GRID	390500.0	3732500.0	1.59E-02	0	1.59E-02	1.31E-01	-1.15E-01	298	7.28E-03	7.28E-03	1.31E-01	-1.24E-01
COURSE GRID	391000.0	3732500.0	1.50E-02	0	1.50E-02	1.20E-01	-1.05E-01	299	6.87E-03	6.87E-03	1.20E-01	-1.13E-01
COURSE GRID	391500.0	3732500.0	1.44E-02	0	1.44E-02	1.14E-01	-9.93E-02	300	6.57E-03	6.57E-03	1.14E-01	-1.07E-01
COURSE GRID	392000.0	3732500.0	1.39E-02	0	1.39E-02	1.09E-01	-9.50E-02	301	6.30E-03	6.30E-03	1.09E-01	-1.03E-01
COURSE GRID	392500.0	3732500.0	1.34E-02	0	1.34E-02	1.09E-01	-9.52E-02	302	6.06E-03	6.06E-03	1.09E-01	-1.03E-01
COURSE GRID	393000.0	3732500.0	1.30E-02	0	1.30E-02	9.95E-02	-8.65E-02	303	5.84E-03	5.84E-03	9.95E-02	-9.37E-02
COURSE GRID	393500.0	3732500.0	1.28E-02	0	1.28E-02	9.52E-02	-8.24E-02	304	5.70E-03	5.70E-03	9.52E-02	-8.95E-02
COURSE GRID	377000.0	3733000.0	1.51E-02	0	1.51E-02	6.91E-02	-5.40E-02	305	7.52E-03	7.52E-03	6.91E-02	-6.16E-02
COURSE GRID	377500.0	3733000.0	1.56E-02	0	1.56E-02	6.85E-02	-5.29E-02	306	7.80E-03	7.80E-03	6.85E-02	-6.07E-02
COURSE GRID	378000.0	3733000.0	1.58E-02	0	1.58E-02	7.20E-02	-5.62E-02	307	7.89E-03	7.89E-03	7.20E-02	-6.41E-02
COURSE GRID	378500.0	3733000.0	1.73E-02	0	1.73E-02	8.79E-02	-7.06E-02	308	8.16E-03	8.16E-03	8.79E-02	-7.97E-02
COURSE GRID	379000.0	3733000.0	1.81E-02	0	1.81E-02	1.06E-01	-8.77E-02	309	8.19E-03	8.19E-03	1.06E-01	-9.76E-02
COURSE GRID	379500.0	3733000.0	2.22E-02	0	2.22E-02	1.24E-01	-1.02E-01	310	1.07E-02	1.07E-02	1.24E-01	-1.13E-01
COURSE GRID	380000.0	3733000.0	2.46E-02	0	2.46E-02	1.39E-01	-1.15E-01	311	1.23E-02	1.23E-02	1.39E-01	-1.27E-01
COURSE GRID	380500.0	3733000.0	2.71E-02	0	2.71E-02	1.54E-01	-1.27E-01	312	1.35E-02	1.35E-02	1.54E-01	-1.41E-01
COURSE GRID	381000.0	3733000.0	2.60E-02	0	2.60E-02	1.75E-01	-1.48E-01	313	1.24E-02	1.24E-02	1.75E-01	-1.62E-01
COURSE GRID	381500.0	3733000.0	2.78E-02	0	2.78E-02	2.03E-01	-1.75E-01	314	1.33E-02	1.33E-02	2.03E-01	-1.89E-01
COURSE GRID	382000.0	3733000.0	3.43E-02	0	3.43E-02	2.00E-01	-1.65E-01	315	1.69E-02	1.69E-02	2.00E-01	-1.83E-01
COURSE GRID	382500.0	3733000.0	3.12E-02	0	3.12E-02	2.15E-01	-1.84E-01	316	1.46E-02	1.46E-02	2.15E-01	-2.00E-01
COURSE GRID	383000.0	3733000.0	3.22E-02	0	3.22E-02	1.94E-01	-1.61E-01	317	1.54E-02	1.54E-02	1.94E-01	-1.78E-01
COURSE GRID	383500.0	3733000.0	3.53E-02	0	3.53E-02	1.97E-01	-1.62E-01	318	1.66E-02	1.66E-02	1.97E-01	-1.81E-01
COURSE GRID	384000.0	3733000.0	3.71E-02	0	3.71E-02	1.75E-01	-1.38E-01	319	1.82E-02	1.82E-02	1.75E-01	-1.57E-01
COURSE GRID	384500.0	3733000.0	3.32E-02	0	3.32E-02	1.66E-01	-1.33E-01	320	1.60E-02	1.60E-02	1.66E-01	-1.50E-01
COURSE GRID	385000.0	3733000.0	3.19E-02	0	3.19E-02	2.05E-01	-1.73E-01	321	1.55E-02	1.55E-02	2.05E-01	-1.90E-01
COURSE GRID	385500.0	3733000.0	2.98E-02	0	2.98E-02	1.69E-01	-1.39E-01	322	1.43E-02	1.43E-02	1.69E-01	-1.54E-01
COURSE GRID	386000.0	3733000.0	2.83E-02	0	2.83E-02	1.66E-01	-1.38E-01	323	1.38E-02	1.38E-02	1.66E-01	-1.53E-01
COURSE GRID	386500.0	3733000.0	2.62E-02	0	2.62E-02	1.62E-01	-1.35E-01	324	1.28E-02	1.28E-02	1.62E-01	-1.49E-01
COURSE GRID	387000.0	3733000.0	2.47E-02	0	2.47E-02	1.57E-01	-1.32E-01	325	1.21E-02	1.21E-02	1.57E-01	-1.45E-01
COURSE GRID	387500.0	3733000.0	2.37E-02	0	2.37E-02	1.85E-01	-1.61E-01	326	1.15E-02	1.15E-02	1.85E-01	-1.73E-01
COURSE GRID	388000.0	3733000.0	2.21E-02	0	2.21E-02	1.66E-01	-1.44E-01	327	1.07E-02	1.07E-02	1.66E-01	-1.55E-01
COURSE GRID	388500.0	3733000.0	2.03E-02	0	2.03E-02	1.58E-01	-1.38E-01	328	9.72E-03	9.72E-03	1.58E-01	-1.49E-01

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION				PROPOSE PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE		
COURSE GRID	389000.0	3733000.0	1.94E-02	0	1.94E-02	1.45E-01	-1.26E-01	9.15E-03	1.45E-01	9.15E-03	1.45E-01	-1.36E-01
COURSE GRID	389500.0	3733000.0	1.86E-02	0	1.86E-02	1.52E-01	-1.33E-01	8.73E-03	1.52E-01	8.73E-03	1.52E-01	-1.43E-01
COURSE GRID	390000.0	3733000.0	1.77E-02	0	1.77E-02	1.42E-01	-1.25E-01	8.29E-03	1.42E-01	8.29E-03	1.42E-01	-1.34E-01
COURSE GRID	390500.0	3733000.0	1.66E-02	0	1.66E-02	1.40E-01	-1.23E-01	7.72E-03	1.40E-01	7.72E-03	1.40E-01	-1.32E-01
COURSE GRID	391000.0	3733000.0	1.57E-02	0	1.57E-02	1.24E-01	-1.08E-01	7.24E-03	1.24E-01	7.24E-03	1.24E-01	-1.17E-01
COURSE GRID	391500.0	3733000.0	1.50E-02	0	1.50E-02	1.14E-01	-9.86E-02	6.84E-03	1.14E-01	6.84E-03	1.14E-01	-1.07E-01
COURSE GRID	392000.0	3733000.0	1.43E-02	0	1.43E-02	1.16E-01	-1.01E-01	6.46E-03	1.16E-01	6.46E-03	1.16E-01	-1.09E-01
COURSE GRID	392500.0	3733000.0	1.35E-02	0	1.35E-02	1.09E-01	-9.52E-02	6.05E-03	1.09E-01	6.05E-03	1.09E-01	-1.03E-01
COURSE GRID	393000.0	3733000.0	1.30E-02	0	1.30E-02	9.95E-02	-8.65E-02	5.78E-03	9.95E-02	5.78E-03	9.95E-02	-9.37E-02
COURSE GRID	393500.0	3733000.0	1.24E-02	0	1.24E-02	9.01E-02	-7.77E-02	5.53E-03	9.01E-02	5.53E-03	9.01E-02	-8.46E-02
COURSE GRID	377000.0	3733500.0	1.21E-02	0	1.21E-02	6.03E-02	-4.82E-02	5.44E-03	6.03E-02	5.44E-03	6.03E-02	-5.49E-02
COURSE GRID	377500.0	3733500.0	1.25E-02	0	1.25E-02	6.28E-02	-5.03E-02	5.71E-03	6.28E-02	5.71E-03	6.28E-02	-5.71E-02
COURSE GRID	378000.0	3733500.0	1.42E-02	0	1.42E-02	7.86E-02	-6.44E-02	6.80E-03	7.86E-02	6.80E-03	7.86E-02	-7.18E-02
COURSE GRID	378500.0	3733500.0	1.63E-02	0	1.63E-02	8.89E-02	-7.26E-02	8.06E-03	8.89E-02	8.06E-03	8.89E-02	-8.08E-02
COURSE GRID	379000.0	3733500.0	2.12E-02	0	2.12E-02	1.14E-01	-9.24E-02	1.05E-02	1.14E-01	1.05E-02	1.14E-01	-1.03E-01
COURSE GRID	379500.0	3733500.0	2.33E-02	0	2.33E-02	1.39E-01	-1.15E-01	1.15E-02	1.39E-01	1.15E-02	1.39E-01	-1.27E-01
COURSE GRID	380000.0	3733500.0	2.19E-02	0	2.19E-02	1.42E-01	-1.20E-01	1.05E-02	1.42E-01	1.05E-02	1.42E-01	-1.31E-01
COURSE GRID	380500.0	3733500.0	2.24E-02	0	2.24E-02	1.65E-01	-1.42E-01	1.06E-02	1.65E-01	1.06E-02	1.65E-01	-1.54E-01
COURSE GRID	381000.0	3733500.0	2.62E-02	0	2.62E-02	2.04E-01	-1.78E-01	1.26E-02	2.04E-01	1.26E-02	2.04E-01	-1.92E-01
COURSE GRID	381500.0	3733500.0	2.97E-02	0	2.97E-02	2.77E-01	-2.47E-01	1.45E-02	2.77E-01	1.45E-02	2.77E-01	-2.63E-01
COURSE GRID	382500.0	3733500.0	2.83E-02	0	2.83E-02	2.98E-01	-2.70E-01	1.35E-02	2.98E-01	1.35E-02	2.98E-01	-2.84E-01
COURSE GRID	383000.0	3733500.0	2.83E-02	0	2.83E-02	2.23E-01	-1.95E-01	1.34E-02	2.23E-01	1.34E-02	2.23E-01	-2.10E-01
COURSE GRID	383500.0	3733500.0	3.10E-02	0	3.10E-02	1.93E-01	-1.62E-01	1.46E-02	1.93E-01	1.46E-02	1.93E-01	-1.78E-01
COURSE GRID	384000.0	3733500.0	3.08E-02	0	3.08E-02	1.92E-01	-1.61E-01	1.47E-02	1.92E-01	1.47E-02	1.92E-01	-1.77E-01
COURSE GRID	384500.0	3733500.0	3.29E-02	0	3.29E-02	1.79E-01	-1.46E-01	1.61E-02	1.79E-01	1.61E-02	1.79E-01	-1.63E-01
COURSE GRID	385000.0	3733500.0	2.79E-02	0	2.79E-02	2.08E-01	-1.80E-01	1.32E-02	2.08E-01	1.32E-02	2.08E-01	-1.94E-01
COURSE GRID	385500.0	3733500.0	2.72E-02	0	2.72E-02	1.65E-01	-1.38E-01	1.30E-02	1.65E-01	1.30E-02	1.65E-01	-1.52E-01
COURSE GRID	386000.0	3733500.0	2.66E-02	0	2.66E-02	1.76E-01	-1.49E-01	1.28E-02	1.76E-01	1.28E-02	1.76E-01	-1.63E-01
COURSE GRID	386500.0	3733500.0	2.38E-02	0	2.38E-02	1.95E-01	-1.71E-01	1.15E-02	1.95E-01	1.15E-02	1.95E-01	-1.83E-01
COURSE GRID	387000.0	3733500.0	2.35E-02	0	2.35E-02	1.74E-01	-1.51E-01	1.16E-02	1.74E-01	1.16E-02	1.74E-01	-1.62E-01
COURSE GRID	387500.0	3733500.0	2.20E-02	0	2.20E-02	1.53E-01	-1.31E-01	1.07E-02	1.53E-01	1.07E-02	1.53E-01	-1.42E-01
COURSE GRID	388000.0	3733500.0	2.08E-02	0	2.08E-02	1.56E-01	-1.35E-01	9.83E-03	1.56E-01	9.83E-03	1.56E-01	-1.46E-01
COURSE GRID	388500.0	3733500.0	1.97E-02	0	1.97E-02	1.68E-01	-1.48E-01	9.37E-03	1.68E-01	9.37E-03	1.68E-01	-1.58E-01
COURSE GRID	389000.0	3733500.0	1.92E-02	0	1.92E-02	1.70E-01	-1.51E-01	9.13E-03	1.70E-01	9.13E-03	1.70E-01	-1.61E-01
COURSE GRID	389500.0	3733500.0	1.81E-02	0	1.81E-02	1.52E-01	-1.34E-01	8.62E-03	1.52E-01	8.62E-03	1.52E-01	-1.43E-01
COURSE GRID	390000.0	3733500.0	1.70E-02	0	1.70E-02	1.47E-01	-1.30E-01	8.06E-03	1.47E-01	8.06E-03	1.47E-01	-1.39E-01
COURSE GRID	390500.0	3733500.0	1.60E-02	0	1.60E-02	1.38E-01	-1.22E-01	7.54E-03	1.38E-01	7.54E-03	1.38E-01	-1.30E-01
COURSE GRID	391000.0	3733500.0	1.54E-02	0	1.54E-02	1.24E-01	-1.08E-01	7.16E-03	1.24E-01	7.16E-03	1.24E-01	-1.17E-01
COURSE GRID	391500.0	3733500.0	1.50E-02	0	1.50E-02	1.16E-01	-1.01E-01	6.95E-03	1.16E-01	6.95E-03	1.16E-01	-1.09E-01
COURSE GRID	392000.0	3733500.0	1.46E-02	0	1.46E-02	1.03E-01	-8.83E-02	6.70E-03	1.03E-01	6.70E-03	1.03E-01	-9.62E-02
COURSE GRID	392500.0	3733500.0	1.41E-02	0	1.41E-02	9.35E-02	-7.94E-02	6.46E-03	9.35E-02	6.46E-03	9.35E-02	-8.70E-02

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	Rec #	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE
COURSE GRID	393000.0	3733500.0	1.36E-02	0	1.36E-02	8.98E-02	-7.62E-02	370	6.19E-03	6.19E-03	8.98E-02	-8.36E-02
COURSE GRID	393500.0	3733500.0	1.31E-02	0	1.31E-02	8.64E-02	-7.33E-02	371	5.90E-03	5.90E-03	8.64E-02	-8.05E-02
COURSE GRID	377000.0	3734000.0	1.16E-02	0	1.16E-02	5.99E-02	-4.83E-02	372	5.38E-03	5.38E-03	5.99E-02	-5.45E-02
COURSE GRID	377500.0	3734000.0	1.38E-02	0	1.38E-02	6.25E-02	-4.87E-02	373	6.84E-03	6.84E-03	6.25E-02	-5.57E-02
COURSE GRID	378000.0	3734000.0	1.54E-02	0	1.54E-02	7.48E-02	-5.94E-02	374	7.68E-03	7.68E-03	7.48E-02	-6.71E-02
COURSE GRID	378500.0	3734000.0	1.60E-02	0	1.60E-02	9.17E-02	-7.57E-02	375	8.12E-03	8.12E-03	9.17E-02	-8.36E-02
COURSE GRID	379000.0	3734000.0	1.74E-02	0	1.74E-02	1.29E-01	-9.44E-02	376	8.45E-03	8.45E-03	1.12E-01	-1.03E-01
COURSE GRID	379500.0	3734000.0	1.93E-02	0	1.93E-02	1.29E-01	-1.10E-01	377	8.96E-03	8.96E-03	1.29E-01	-1.20E-01
COURSE GRID	380000.0	3734000.0	2.08E-02	0	2.08E-02	1.44E-01	-1.23E-01	378	9.63E-03	9.63E-03	1.44E-01	-1.35E-01
COURSE GRID	380500.0	3734000.0	2.42E-02	0	2.42E-02	1.66E-01	-1.42E-01	379	1.16E-02	1.16E-02	1.66E-01	-1.55E-01
COURSE GRID	381000.0	3734000.0	2.56E-02	0	2.56E-02	1.86E-01	-1.60E-01	380	1.24E-02	1.24E-02	1.86E-01	-1.73E-01
COURSE GRID	381500.0	3734000.0	2.42E-02	0	2.42E-02	2.48E-01	-2.24E-01	381	1.16E-02	1.16E-02	2.48E-01	-2.36E-01
COURSE GRID	382000.0	3734000.0	2.40E-02	0	2.40E-02	4.49E-01	-4.25E-01	382	1.13E-02	1.13E-02	4.49E-01	-4.37E-01
COURSE GRID	382500.0	3734000.0	2.57E-02	0	2.57E-02	2.82E-01	-2.56E-01	383	1.20E-02	1.20E-02	2.82E-01	-2.70E-01
COURSE GRID	383000.0	3734000.0	2.59E-02	0	2.59E-02	2.16E-01	-1.90E-01	384	1.21E-02	1.21E-02	2.16E-01	-2.04E-01
COURSE GRID	383500.0	3734000.0	2.70E-02	0	2.70E-02	2.02E-01	-1.75E-01	385	1.26E-02	1.26E-02	2.02E-01	-1.89E-01
COURSE GRID	384000.0	3734000.0	2.64E-02	0	2.64E-02	2.14E-01	-1.88E-01	386	1.25E-02	1.25E-02	2.14E-01	-2.02E-01
COURSE GRID	384500.0	3734000.0	2.82E-02	0	2.82E-02	2.62E-01	-2.33E-01	387	1.37E-02	1.37E-02	2.62E-01	-2.48E-01
COURSE GRID	385000.0	3734000.0	2.81E-02	0	2.81E-02	1.79E-01	-1.51E-01	388	1.39E-02	1.39E-02	1.79E-01	-1.65E-01
COURSE GRID	385500.0	3734000.0	2.47E-02	0	2.47E-02	1.98E-01	-1.74E-01	389	1.16E-02	1.16E-02	1.98E-01	-1.87E-01
COURSE GRID	386000.0	3734000.0	2.37E-02	0	2.37E-02	1.75E-01	-1.51E-01	390	1.13E-02	1.13E-02	1.75E-01	-1.64E-01
COURSE GRID	386500.0	3734000.0	2.38E-02	0	2.38E-02	1.74E-01	-1.50E-01	391	1.14E-02	1.14E-02	1.74E-01	-1.62E-01
COURSE GRID	387000.0	3734000.0	2.14E-02	0	2.14E-02	1.72E-01	-1.51E-01	392	1.02E-02	1.02E-02	1.72E-01	-1.62E-01
COURSE GRID	387500.0	3734000.0	2.08E-02	0	2.08E-02	1.70E-01	-1.49E-01	393	1.02E-02	1.02E-02	1.70E-01	-1.59E-01
COURSE GRID	388000.0	3734000.0	1.99E-02	0	1.99E-02	1.73E-01	-1.53E-01	394	9.62E-03	9.62E-03	1.73E-01	-1.63E-01
COURSE GRID	388500.0	3734000.0	1.88E-02	0	1.88E-02	1.73E-01	-1.54E-01	395	9.02E-03	9.02E-03	1.73E-01	-1.64E-01
COURSE GRID	389000.0	3734000.0	1.79E-02	0	1.79E-02	1.67E-01	-1.49E-01	396	8.39E-03	8.39E-03	1.67E-01	-1.58E-01
COURSE GRID	389500.0	3734000.0	1.74E-02	0	1.74E-02	1.47E-01	-1.29E-01	397	8.16E-03	8.16E-03	1.47E-01	-1.39E-01
COURSE GRID	390000.0	3734000.0	1.63E-02	0	1.63E-02	1.41E-01	-1.24E-01	398	7.74E-03	7.74E-03	1.41E-01	-1.33E-01
COURSE GRID	390500.0	3734000.0	1.58E-02	0	1.58E-02	1.34E-01	-1.18E-01	399	7.51E-03	7.51E-03	1.34E-01	-1.26E-01
COURSE GRID	391000.0	3734000.0	1.52E-02	0	1.52E-02	1.20E-01	-1.05E-01	400	7.17E-03	7.17E-03	1.20E-01	-1.13E-01
COURSE GRID	391500.0	3734000.0	1.45E-02	0	1.45E-02	1.12E-01	-9.73E-02	401	6.81E-03	6.81E-03	1.12E-01	-1.05E-01
COURSE GRID	392000.0	3734000.0	1.41E-02	0	1.41E-02	1.03E-01	-8.87E-02	402	6.53E-03	6.53E-03	1.03E-01	-9.63E-02
COURSE GRID	392500.0	3734000.0	1.36E-02	0	1.36E-02	9.71E-02	-8.35E-02	403	6.27E-03	6.27E-03	9.71E-02	-9.08E-02
COURSE GRID	393000.0	3734000.0	1.33E-02	0	1.33E-02	9.14E-02	-7.81E-02	404	6.04E-03	6.04E-03	9.14E-02	-8.54E-02
COURSE GRID	393500.0	3734000.0	1.31E-02	0	1.31E-02	8.84E-02	-7.53E-02	405	5.94E-03	5.94E-03	8.84E-02	-8.25E-02
COURSE GRID	377000.0	3734500.0	9.33E-03	0	9.33E-03	4.80E-02	-3.87E-02	406	4.50E-03	4.50E-03	4.80E-02	-4.35E-02
COURSE GRID	377500.0	3734500.0	1.32E-02	0	1.32E-02	5.94E-02	-4.62E-02	407	6.64E-03	6.64E-03	5.94E-02	-5.28E-02
COURSE GRID	378000.0	3734500.0	1.42E-02	0	1.42E-02	7.06E-02	-5.64E-02	408	6.73E-03	6.73E-03	7.06E-02	-6.39E-02
COURSE GRID	378500.0	3734500.0	1.43E-02	0	1.43E-02	7.97E-02	-6.54E-02	409	6.65E-03	6.65E-03	7.97E-02	-7.30E-02
COURSE GRID	379000.0	3734500.0	1.59E-02	0	1.59E-02	8.94E-02	-7.35E-02	410	7.53E-03	7.53E-03	8.94E-02	-8.19E-02

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION							
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	Rec #	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	379500.0	3734500.0	1.89E-02	0	1.89E-02	1.09E-01	-8.99E-02	411	8.64E-03	0	8.64E-03	1.09E-01	-1.00E-01
COURSE GRID	380000.0	3734500.0	2.34E-02	0	2.34E-02	1.40E-01	-1.16E-01	412	1.10E-02	0	1.10E-02	1.40E-01	-1.29E-01
COURSE GRID	380500.0	3734500.0	2.28E-02	0	2.28E-02	1.58E-01	-1.35E-01	413	1.09E-02	0	1.09E-02	1.58E-01	-1.47E-01
COURSE GRID	381000.0	3734500.0	2.23E-02	0	2.23E-02	1.82E-01	-1.59E-01	414	1.07E-02	0	1.07E-02	1.82E-01	-1.71E-01
COURSE GRID	381500.0	3734500.0	2.12E-02	0	2.12E-02	2.02E-01	-1.81E-01	415	1.00E-02	0	1.00E-02	2.02E-01	-1.92E-01
COURSE GRID	382000.0	3734500.0	2.14E-02	0	2.14E-02	2.29E-01	-2.08E-01	416	9.98E-03	0	9.98E-03	2.29E-01	-2.19E-01
COURSE GRID	382500.0	3734500.0	2.28E-02	0	2.28E-02	2.73E-01	-2.51E-01	417	1.06E-02	0	1.06E-02	2.73E-01	-2.63E-01
COURSE GRID	383000.0	3734500.0	2.34E-02	0	2.34E-02	2.39E-01	-2.15E-01	418	1.10E-02	0	1.10E-02	2.39E-01	-2.28E-01
COURSE GRID	383500.0	3734500.0	2.39E-02	0	2.39E-02	2.40E-01	-2.16E-01	419	1.12E-02	0	1.12E-02	2.40E-01	-2.29E-01
COURSE GRID	384000.0	3734500.0	2.40E-02	0	2.40E-02	2.52E-01	-2.28E-01	420	1.13E-02	0	1.13E-02	2.52E-01	-2.40E-01
COURSE GRID	384500.0	3734500.0	2.43E-02	0	2.43E-02	2.07E-01	-1.82E-01	421	1.16E-02	0	1.16E-02	2.07E-01	-1.95E-01
COURSE GRID	385000.0	3734500.0	2.55E-02	0	2.55E-02	1.87E-01	-1.62E-01	422	1.24E-02	0	1.24E-02	1.87E-01	-1.75E-01
COURSE GRID	385500.0	3734500.0	2.39E-02	0	2.39E-02	1.74E-01	-1.50E-01	423	1.16E-02	0	1.16E-02	1.74E-01	-1.63E-01
COURSE GRID	386000.0	3734500.0	2.22E-02	0	2.22E-02	1.77E-01	-1.54E-01	424	1.04E-02	0	1.04E-02	1.77E-01	-1.66E-01
COURSE GRID	386500.0	3734500.0	2.13E-02	0	2.13E-02	1.74E-01	-1.52E-01	425	1.00E-02	0	1.00E-02	1.74E-01	-1.63E-01
COURSE GRID	387000.0	3734500.0	2.11E-02	0	2.11E-02	1.77E-01	-1.56E-01	426	1.00E-02	0	1.00E-02	1.77E-01	-1.67E-01
COURSE GRID	387500.0	3734500.0	2.05E-02	0	2.05E-02	1.70E-01	-1.50E-01	427	9.73E-03	0	9.73E-03	1.70E-01	-1.61E-01
COURSE GRID	388000.0	3734500.0	1.86E-02	0	1.86E-02	1.78E-01	-1.59E-01	428	8.97E-03	0	8.97E-03	1.78E-01	-1.69E-01
COURSE GRID	388500.0	3734500.0	1.82E-02	0	1.82E-02	1.66E-01	-1.48E-01	429	8.81E-03	0	8.81E-03	1.66E-01	-1.57E-01
COURSE GRID	389000.0	3734500.0	1.75E-02	0	1.75E-02	1.54E-01	-1.37E-01	430	8.44E-03	0	8.44E-03	1.54E-01	-1.46E-01
COURSE GRID	389500.0	3734500.0	1.65E-02	0	1.65E-02	1.40E-01	-1.23E-01	431	7.87E-03	0	7.87E-03	1.40E-01	-1.32E-01
COURSE GRID	390000.0	3734500.0	1.58E-02	0	1.58E-02	1.32E-01	-1.17E-01	432	7.42E-03	0	7.42E-03	1.32E-01	-1.25E-01
COURSE GRID	390500.0	3734500.0	1.53E-02	0	1.53E-02	1.27E-01	-1.12E-01	433	7.20E-03	0	7.20E-03	1.27E-01	-1.20E-01
COURSE GRID	391000.0	3734500.0	1.44E-02	0	1.44E-02	1.18E-01	-1.03E-01	434	6.79E-03	0	6.79E-03	1.18E-01	-1.11E-01
COURSE GRID	391500.0	3734500.0	1.38E-02	0	1.38E-02	1.04E-01	-9.00E-02	435	6.50E-03	0	6.50E-03	1.04E-01	-9.73E-02
COURSE GRID	392000.0	3734500.0	1.38E-02	0	1.38E-02	9.78E-02	-8.40E-02	436	6.43E-03	0	6.43E-03	9.78E-02	-9.14E-02
COURSE GRID	392500.0	3734500.0	1.35E-02	0	1.35E-02	9.29E-02	-7.94E-02	437	6.27E-03	0	6.27E-03	9.29E-02	-8.66E-02
COURSE GRID	393000.0	3734500.0	1.31E-02	0	1.31E-02	8.78E-02	-7.47E-02	438	6.08E-03	0	6.08E-03	8.78E-02	-8.17E-02
COURSE GRID	393500.0	3734500.0	1.28E-02	0	1.28E-02	8.56E-02	-7.28E-02	439	5.87E-03	0	5.87E-03	8.56E-02	-7.97E-02
COURSE GRID	377000.0	3735000.0	1.11E-02	0	1.11E-02	5.63E-02	-4.52E-02	440	5.07E-03	0	5.07E-03	5.63E-02	-5.12E-02
COURSE GRID	377500.0	3735000.0	1.24E-02	0	1.24E-02	6.38E-02	-5.14E-02	441	5.89E-03	0	5.89E-03	6.38E-02	-5.79E-02
COURSE GRID	378000.0	3735000.0	1.35E-02	0	1.35E-02	7.08E-02	-5.73E-02	442	6.34E-03	0	6.34E-03	7.08E-02	-6.45E-02
COURSE GRID	378500.0	3735000.0	1.57E-02	0	1.57E-02	7.92E-02	-6.35E-02	443	7.57E-03	0	7.57E-03	7.92E-02	-7.16E-02
COURSE GRID	379000.0	3735000.0	1.53E-02	0	1.53E-02	9.30E-02	-7.77E-02	444	7.22E-03	0	7.22E-03	9.30E-02	-8.58E-02
COURSE GRID	379500.0	3735000.0	2.05E-02	0	2.05E-02	1.22E-01	-1.02E-01	445	9.62E-03	0	9.62E-03	1.22E-01	-1.13E-01
COURSE GRID	380000.0	3735000.0	2.15E-02	0	2.15E-02	1.35E-01	-1.13E-01	446	1.01E-02	0	1.01E-02	1.35E-01	-1.24E-01
COURSE GRID	380500.0	3735000.0	2.13E-02	0	2.13E-02	1.41E-01	-1.20E-01	447	1.02E-02	0	1.02E-02	1.41E-01	-1.31E-01
COURSE GRID	381000.0	3735000.0	1.79E-02	0	1.79E-02	1.63E-01	-1.45E-01	448	8.41E-03	0	8.41E-03	1.63E-01	-1.55E-01
COURSE GRID	381500.0	3735000.0	1.92E-02	0	1.92E-02	1.76E-01	-1.57E-01	449	8.85E-03	0	8.85E-03	1.76E-01	-1.67E-01
COURSE GRID	382000.0	3735000.0	2.13E-02	0	2.13E-02	2.09E-01	-1.87E-01	450	1.02E-02	0	1.02E-02	2.09E-01	-1.98E-01
COURSE GRID	382500.0	3735000.0	2.10E-02	0	2.10E-02	2.42E-01	-2.21E-01	451	9.76E-03	0	9.76E-03	2.42E-01	-2.32E-01

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION							
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	Rec #	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	383000.0	3735000.0	2.14E-02	0	2.14E-02	2.71E-01	-2.50E-01	452	9.94E-03	0	9.94E-03	2.71E-01	-2.61E-01
COURSE GRID	384000.0	3735000.0	2.29E-02	0	2.29E-02	2.93E-01	-2.70E-01	453	1.06E-02	0	1.06E-02	2.93E-01	-2.83E-01
COURSE GRID	384500.0	3735000.0	2.17E-02	0	2.17E-02	2.18E-01	-1.96E-01	454	1.02E-02	0	1.02E-02	2.18E-01	-2.07E-01
COURSE GRID	385000.0	3735000.0	2.31E-02	0	2.31E-02	1.98E-01	-1.74E-01	455	1.12E-02	0	1.12E-02	1.98E-01	-1.86E-01
COURSE GRID	385500.0	3735000.0	2.37E-02	0	2.37E-02	1.80E-01	-1.57E-01	456	1.15E-02	0	1.15E-02	1.80E-01	-1.69E-01
COURSE GRID	386000.0	3735000.0	2.11E-02	0	2.11E-02	1.87E-01	-1.66E-01	457	9.94E-03	0	9.94E-03	1.87E-01	-1.77E-01
COURSE GRID	386500.0	3735000.0	2.03E-02	0	2.03E-02	1.84E-01	-1.64E-01	458	9.44E-03	0	9.44E-03	1.84E-01	-1.75E-01
COURSE GRID	387000.0	3735000.0	1.91E-02	0	1.91E-02	1.90E-01	-1.70E-01	459	8.99E-03	0	8.99E-03	1.90E-01	-1.81E-01
COURSE GRID	387500.0	3735000.0	1.88E-02	0	1.88E-02	1.82E-01	-1.63E-01	460	8.93E-03	0	8.93E-03	1.82E-01	-1.73E-01
COURSE GRID	388000.0	3735000.0	1.92E-02	0	1.92E-02	1.87E-01	-1.68E-01	461	9.01E-03	0	9.01E-03	1.87E-01	-1.78E-01
COURSE GRID	388500.0	3735000.0	1.80E-02	0	1.80E-02	1.71E-01	-1.53E-01	462	8.61E-03	0	8.61E-03	1.71E-01	-1.62E-01
COURSE GRID	389000.0	3735000.0	1.66E-02	0	1.66E-02	1.50E-01	-1.33E-01	463	8.03E-03	0	8.03E-03	1.50E-01	-1.42E-01
COURSE GRID	389500.0	3735000.0	1.61E-02	0	1.61E-02	1.38E-01	-1.22E-01	464	7.71E-03	0	7.71E-03	1.38E-01	-1.31E-01
COURSE GRID	390000.0	3735000.0	1.55E-02	0	1.55E-02	1.29E-01	-1.14E-01	465	7.46E-03	0	7.46E-03	1.29E-01	-1.22E-01
COURSE GRID	390500.0	3735000.0	1.44E-02	0	1.44E-02	1.26E-01	-1.11E-01	466	6.90E-03	0	6.90E-03	1.26E-01	-1.19E-01
COURSE GRID	391000.0	3735000.0	1.38E-02	0	1.38E-02	1.14E-01	-1.00E-01	467	6.52E-03	0	6.52E-03	1.14E-01	-1.08E-01
COURSE GRID	391500.0	3735000.0	1.36E-02	0	1.36E-02	1.03E-01	-8.95E-02	468	6.40E-03	0	6.40E-03	1.03E-01	-9.67E-02
COURSE GRID	392000.0	3735000.0	1.33E-02	0	1.33E-02	9.62E-02	-8.29E-02	469	6.27E-03	0	6.27E-03	9.62E-02	-8.99E-02
COURSE GRID	392500.0	3735000.0	1.27E-02	0	1.27E-02	9.22E-02	-7.95E-02	470	5.93E-03	0	5.93E-03	9.22E-02	-8.63E-02
COURSE GRID	393000.0	3735000.0	1.25E-02	0	1.25E-02	9.05E-02	-7.80E-02	471	5.83E-03	0	5.83E-03	9.05E-02	-8.47E-02
COURSE GRID	393500.0	3735000.0	1.24E-02	0	1.24E-02	8.50E-02	-7.26E-02	472	5.75E-03	0	5.75E-03	8.50E-02	-7.92E-02
COURSE GRID	377000.0	3735500.0	1.13E-02	0	1.13E-02	5.93E-02	-4.80E-02	473	5.33E-03	0	5.33E-03	5.93E-02	-5.40E-02
COURSE GRID	377500.0	3735500.0	1.16E-02	0	1.16E-02	6.20E-02	-5.04E-02	474	5.38E-03	0	5.38E-03	6.20E-02	-5.66E-02
COURSE GRID	378000.0	3735500.0	1.35E-02	0	1.35E-02	7.12E-02	-5.77E-02	475	6.80E-03	0	6.80E-03	7.12E-02	-6.44E-02
COURSE GRID	378500.0	3735500.0	1.38E-02	0	1.38E-02	8.00E-02	-6.62E-02	476	6.55E-03	0	6.55E-03	8.00E-02	-7.34E-02
COURSE GRID	379000.0	3735500.0	1.59E-02	0	1.59E-02	9.81E-02	-8.22E-02	477	7.73E-03	0	7.73E-03	9.81E-02	-9.04E-02
COURSE GRID	379500.0	3735500.0	1.90E-02	0	1.90E-02	1.10E-01	-9.07E-02	478	8.91E-03	0	8.91E-03	1.10E-01	-1.01E-01
COURSE GRID	380000.0	3735500.0	2.01E-02	0	2.01E-02	1.10E-01	-8.99E-02	479	9.64E-03	0	9.64E-03	1.10E-01	-1.00E-01
COURSE GRID	380500.0	3735500.0	1.66E-02	0	1.66E-02	1.27E-01	-1.10E-01	480	7.86E-03	0	7.86E-03	1.27E-01	-1.19E-01
COURSE GRID	381000.0	3735500.0	1.77E-02	0	1.77E-02	1.41E-01	-1.24E-01	481	8.15E-03	0	8.15E-03	1.41E-01	-1.33E-01
COURSE GRID	381500.0	3735500.0	1.77E-02	0	1.77E-02	1.54E-01	-1.36E-01	482	8.36E-03	0	8.36E-03	1.54E-01	-1.46E-01
COURSE GRID	382000.0	3735500.0	1.98E-02	0	1.98E-02	1.76E-01	-1.56E-01	483	9.33E-03	0	9.33E-03	1.76E-01	-1.67E-01
COURSE GRID	382500.0	3735500.0	1.96E-02	0	1.96E-02	2.09E-01	-1.90E-01	484	9.01E-03	0	9.01E-03	2.09E-01	-2.00E-01
COURSE GRID	383000.0	3735500.0	1.96E-02	0	1.96E-02	2.49E-01	-2.29E-01	485	9.05E-03	0	9.05E-03	2.49E-01	-2.40E-01
COURSE GRID	383500.0	3735500.0	2.02E-02	0	2.02E-02	2.80E-01	-2.59E-01	486	9.42E-03	0	9.42E-03	2.80E-01	-2.70E-01
COURSE GRID	384000.0	3735500.0	2.20E-02	0	2.20E-02	2.61E-01	-2.39E-01	487	1.03E-02	0	1.03E-02	2.61E-01	-2.51E-01
COURSE GRID	384500.0	3735500.0	1.97E-02	0	1.97E-02	2.13E-01	-1.93E-01	488	9.13E-03	0	9.13E-03	2.13E-01	-2.04E-01
COURSE GRID	385000.0	3735500.0	2.11E-02	0	2.11E-02	1.88E-01	-1.66E-01	489	1.02E-02	0	1.02E-02	1.88E-01	-1.77E-01
COURSE GRID	385500.0	3735500.0	2.08E-02	0	2.08E-02	1.91E-01	-1.70E-01	490	9.98E-03	0	9.98E-03	1.91E-01	-1.81E-01
COURSE GRID	386000.0	3735500.0	2.13E-02	0	2.13E-02	1.82E-01	-1.60E-01	491	1.03E-02	0	1.03E-02	1.82E-01	-1.71E-01
COURSE GRID	386500.0	3735500.0	1.93E-02	0	1.93E-02	1.89E-01	-1.69E-01	492	9.06E-03	0	9.06E-03	1.89E-01	-1.80E-01

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION				PROPOSE PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE		
COURSE GRID	387000.0	3735500.0	1.84E-02	0	1.84E-02	1.96E-01	-1.78E-01	8.54E-03	1.96E-01	8.54E-03	1.96E-01	-1.88E-01
COURSE GRID	387500.0	3735500.0	1.75E-02	0	1.75E-02	1.93E-01	-1.75E-01	8.15E-03	1.93E-01	8.15E-03	1.93E-01	-1.85E-01
COURSE GRID	388000.0	3735500.0	1.71E-02	0	1.71E-02	1.78E-01	-1.61E-01	8.07E-03	1.78E-01	8.07E-03	1.78E-01	-1.70E-01
COURSE GRID	388500.0	3735500.0	1.76E-02	0	1.76E-02	1.64E-01	-1.46E-01	8.19E-03	1.64E-01	8.19E-03	1.64E-01	-1.56E-01
COURSE GRID	389000.0	3735500.0	1.74E-02	0	1.74E-02	1.52E-01	-1.34E-01	8.28E-03	1.52E-01	8.28E-03	1.52E-01	-1.43E-01
COURSE GRID	389500.0	3735500.0	1.59E-02	0	1.59E-02	1.38E-01	-1.22E-01	7.70E-03	1.38E-01	7.70E-03	1.38E-01	-1.30E-01
COURSE GRID	390000.0	3735500.0	1.48E-02	0	1.48E-02	1.27E-01	-1.12E-01	7.12E-03	1.27E-01	7.12E-03	1.27E-01	-1.20E-01
COURSE GRID	390500.0	3735500.0	1.43E-02	0	1.43E-02	1.20E-01	-1.06E-01	6.89E-03	1.20E-01	6.89E-03	1.20E-01	-1.13E-01
COURSE GRID	391000.0	3735500.0	1.37E-02	0	1.37E-02	1.15E-01	-1.01E-01	6.60E-03	1.15E-01	6.60E-03	1.15E-01	-1.08E-01
COURSE GRID	391500.0	3735500.0	1.29E-02	0	1.29E-02	1.06E-01	-9.34E-02	6.12E-03	1.06E-01	6.12E-03	1.06E-01	-1.00E-01
COURSE GRID	392000.0	3735500.0	1.25E-02	0	1.25E-02	1.00E-01	-8.75E-02	5.86E-03	1.00E-01	5.86E-03	1.00E-01	-9.41E-02
COURSE GRID	392500.0	3735500.0	1.24E-02	0	1.24E-02	9.32E-02	-8.08E-02	5.81E-03	9.32E-02	5.81E-03	9.32E-02	-8.74E-02
COURSE GRID	393000.0	3735500.0	1.24E-02	0	1.24E-02	9.12E-02	-7.88E-02	5.79E-03	9.12E-02	5.79E-03	9.12E-02	-8.54E-02
COURSE GRID	393500.0	3735500.0	1.21E-02	0	1.21E-02	8.66E-02	-7.45E-02	5.65E-03	8.66E-02	5.65E-03	8.66E-02	-8.09E-02
COURSE GRID	393500.0	3736000.0	1.06E-02	0	1.06E-02	5.30E-02	-4.24E-02	4.89E-03	5.30E-02	4.89E-03	5.30E-02	-4.81E-02
COURSE GRID	394000.0	3736000.0	1.13E-02	0	1.13E-02	6.07E-02	-4.94E-02	5.35E-03	6.07E-02	5.35E-03	6.07E-02	-5.53E-02
COURSE GRID	394000.0	3736000.0	1.26E-02	0	1.26E-02	7.27E-02	-6.01E-02	6.07E-03	7.27E-02	6.07E-03	7.27E-02	-6.66E-02
COURSE GRID	394500.0	3736000.0	1.48E-02	0	1.48E-02	8.78E-02	-7.30E-02	7.17E-03	8.78E-02	7.17E-03	8.78E-02	-8.06E-02
COURSE GRID	395000.0	3736000.0	1.88E-02	0	1.88E-02	1.10E-01	-9.13E-02	8.71E-03	1.10E-01	8.71E-03	1.10E-01	-1.01E-01
COURSE GRID	39500.0	3736000.0	1.88E-02	0	1.88E-02	1.04E-01	-8.56E-02	8.98E-03	1.04E-01	8.98E-03	1.04E-01	-9.54E-02
COURSE GRID	380000.0	3736000.0	1.59E-02	0	1.59E-02	1.06E-01	-8.99E-02	7.63E-03	1.06E-01	7.63E-03	1.06E-01	-9.82E-02
COURSE GRID	380500.0	3736000.0	1.60E-02	0	1.60E-02	1.20E-01	-1.04E-01	7.36E-03	1.20E-01	7.36E-03	1.20E-01	-1.13E-01
COURSE GRID	381000.0	3736000.0	1.62E-02	0	1.62E-02	1.28E-01	-1.12E-01	7.39E-03	1.28E-01	7.39E-03	1.28E-01	-1.21E-01
COURSE GRID	381500.0	3736000.0	1.77E-02	0	1.77E-02	1.45E-01	-1.28E-01	8.45E-03	1.45E-01	8.45E-03	1.45E-01	-1.37E-01
COURSE GRID	382000.0	3736000.0	1.82E-02	0	1.82E-02	1.68E-01	-1.49E-01	8.54E-03	1.68E-01	8.54E-03	1.68E-01	-1.59E-01
COURSE GRID	382500.0	3736000.0	1.79E-02	0	1.79E-02	2.08E-01	-1.90E-01	8.18E-03	2.08E-01	8.18E-03	2.08E-01	-1.99E-01
COURSE GRID	383000.0	3736000.0	1.82E-02	0	1.82E-02	2.31E-01	-2.13E-01	8.35E-03	2.31E-01	8.35E-03	2.31E-01	-2.23E-01
COURSE GRID	383500.0	3736000.0	1.87E-02	0	1.87E-02	2.38E-01	-2.19E-01	8.73E-03	2.38E-01	8.73E-03	2.38E-01	-2.29E-01
COURSE GRID	384000.0	3736000.0	2.05E-02	0	2.05E-02	2.44E-01	-2.23E-01	9.58E-03	2.44E-01	9.58E-03	2.44E-01	-2.34E-01
COURSE GRID	384500.0	3736000.0	1.80E-02	0	1.80E-02	2.14E-01	-1.96E-01	8.38E-03	2.14E-01	8.38E-03	2.14E-01	-2.06E-01
COURSE GRID	385000.0	3736000.0	1.86E-02	0	1.86E-02	1.92E-01	-1.73E-01	8.93E-03	1.92E-01	8.93E-03	1.92E-01	-1.83E-01
COURSE GRID	385500.0	3736000.0	1.98E-02	0	1.98E-02	1.89E-01	-1.69E-01	9.58E-03	1.89E-01	9.58E-03	1.89E-01	-1.80E-01
COURSE GRID	386000.0	3736000.0	2.02E-02	0	2.02E-02	1.89E-01	-1.69E-01	9.67E-03	1.89E-01	9.67E-03	1.89E-01	-1.79E-01
COURSE GRID	386500.0	3736000.0	1.90E-02	0	1.90E-02	2.04E-01	-1.85E-01	9.00E-03	2.04E-01	9.00E-03	2.04E-01	-1.95E-01
COURSE GRID	387000.0	3736000.0	1.80E-02	0	1.80E-02	2.13E-01	-1.95E-01	8.37E-03	2.13E-01	8.37E-03	2.13E-01	-2.04E-01
COURSE GRID	387500.0	3736000.0	1.69E-02	0	1.69E-02	2.11E-01	-1.94E-01	7.77E-03	2.11E-01	7.77E-03	2.11E-01	-2.03E-01
COURSE GRID	388000.0	3736000.0	1.60E-02	0	1.60E-02	1.83E-01	-1.67E-01	7.36E-03	1.83E-01	7.36E-03	1.83E-01	-1.75E-01
COURSE GRID	388500.0	3736000.0	1.59E-02	0	1.59E-02	1.65E-01	-1.49E-01	7.42E-03	1.65E-01	7.42E-03	1.65E-01	-1.57E-01
COURSE GRID	389000.0	3736000.0	1.64E-02	0	1.64E-02	1.51E-01	-1.34E-01	7.63E-03	1.51E-01	7.63E-03	1.51E-01	-1.43E-01
COURSE GRID	389500.0	3736000.0	1.67E-02	0	1.67E-02	1.37E-01	-1.20E-01	7.93E-03	1.37E-01	7.93E-03	1.37E-01	-1.29E-01
COURSE GRID	390000.0	3736000.0	1.56E-02	0	1.56E-02	1.27E-01	-1.11E-01	7.58E-03	1.27E-01	7.58E-03	1.27E-01	-1.19E-01

ACUTE NON-CANCER RISK

RECEPTOR NAME	PROPOSE PROJECT - NO MITIGATION										PROPOSE PROJECT - WITH MITIGATION																			
	TOTAL					CEQA					NEPA					TOTAL					CEQA					NEPA				
	UTME (m)	UTMN (m)	IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE	NEPA	IMPACT	BASELINE	NEPA	IMPACT	BASELINE	NEPA	IMPACT	BASELINE	NEPA	IMPACT	BASELINE	NEPA	IMPACT	BASELINE	NEPA	IMPACT	BASELINE	NEPA			
COURSE GRID	390500.0	3736000.0	1.39E-02	0	1.39E-02	1.20E-01	1.06E-01	534	6.70E-03	1.20E-01	1.14E-01																			
COURSE GRID	391000.0	3736000.0	1.31E-02	0	1.31E-02	1.12E-01	9.85E-02	535	6.32E-03	1.12E-01	1.05E-01																			
COURSE GRID	391500.0	3736000.0	1.29E-02	0	1.29E-02	9.86E-02	8.57E-02	536	6.20E-03	9.86E-02	9.24E-02																			
COURSE GRID	392000.0	3736000.0	1.24E-02	0	1.24E-02	9.26E-02	8.02E-02	537	5.95E-03	9.26E-02	8.66E-02																			
COURSE GRID	392500.0	3736000.0	1.19E-02	0	1.19E-02	9.03E-02	7.84E-02	538	5.56E-03	9.03E-02	8.47E-02																			
COURSE GRID	393000.0	3736000.0	1.16E-02	0	1.16E-02	8.99E-02	7.83E-02	539	5.37E-03	8.99E-02	8.45E-02																			
COURSE GRID	393500.0	3736000.0	1.15E-02	0	1.15E-02	8.82E-02	7.67E-02	540	5.30E-03	8.82E-02	8.29E-02																			
COURSE GRID	377000.0	3736500.0	1.04E-02	0	1.04E-02	5.33E-02	4.29E-02	541	4.85E-03	5.33E-02	4.84E-02																			
COURSE GRID	377500.0	3736500.0	1.18E-02	0	1.18E-02	6.16E-02	4.98E-02	542	5.76E-03	6.16E-02	5.58E-02																			
COURSE GRID	378000.0	3736500.0	1.32E-02	0	1.32E-02	7.47E-02	6.15E-02	543	6.42E-03	7.47E-02	6.83E-02																			
COURSE GRID	378500.0	3736500.0	1.64E-02	0	1.64E-02	9.23E-02	7.59E-02	544	7.63E-03	9.23E-02	8.47E-02																			
COURSE GRID	379000.0	3736500.0	1.82E-02	0	1.82E-02	1.02E-01	8.34E-02	545	8.49E-03	1.02E-01	9.31E-02																			
COURSE GRID	379500.0	3736500.0	1.54E-02	0	1.54E-02	1.04E-01	8.89E-02	546	7.35E-03	1.04E-01	9.69E-02																			
COURSE GRID	380000.0	3736500.0	1.42E-02	0	1.42E-02	1.05E-01	9.03E-02	547	6.57E-03	1.05E-01	9.79E-02																			
COURSE GRID	380500.0	3736500.0	1.52E-02	0	1.52E-02	1.28E-01	1.13E-01	548	6.92E-03	1.28E-01	1.21E-01																			
COURSE GRID	381000.0	3736500.0	1.50E-02	0	1.50E-02	1.48E-01	1.33E-01	549	7.05E-03	1.48E-01	1.41E-01																			
COURSE GRID	381500.0	3736500.0	1.70E-02	0	1.70E-02	1.43E-01	1.26E-01	550	7.97E-03	1.43E-01	1.35E-01																			
COURSE GRID	382000.0	3736500.0	1.70E-02	0	1.70E-02	1.62E-01	1.45E-01	551	7.86E-03	1.62E-01	1.54E-01																			
COURSE GRID	382500.0	3736500.0	1.68E-02	0	1.68E-02	2.26E-01	2.09E-01	552	7.74E-03	2.26E-01	2.18E-01																			
COURSE GRID	383000.0	3736500.0	1.69E-02	0	1.69E-02	2.71E-01	2.54E-01	553	7.75E-03	2.71E-01	2.64E-01																			
COURSE GRID	383500.0	3736500.0	1.73E-02	0	1.73E-02	2.57E-01	2.40E-01	554	8.07E-03	2.57E-01	2.49E-01																			
COURSE GRID	384000.0	3736500.0	1.89E-02	0	1.89E-02	2.53E-01	2.34E-01	555	8.81E-03	2.53E-01	2.44E-01																			
COURSE GRID	384500.0	3736500.0	1.79E-02	0	1.79E-02	2.20E-01	2.02E-01	556	8.42E-03	2.20E-01	2.12E-01																			
COURSE GRID	385000.0	3736500.0	1.73E-02	0	1.73E-02	2.00E-01	1.83E-01	557	8.22E-03	2.00E-01	1.92E-01																			
COURSE GRID	385500.0	3736500.0	1.82E-02	0	1.82E-02	1.98E-01	1.80E-01	558	8.72E-03	1.98E-01	1.89E-01																			
COURSE GRID	386000.0	3736500.0	1.78E-02	0	1.78E-02	2.10E-01	1.92E-01	559	8.46E-03	2.10E-01	2.02E-01																			
COURSE GRID	386500.0	3736500.0	1.90E-02	0	1.90E-02	2.43E-01	2.24E-01	560	9.06E-03	2.43E-01	2.34E-01																			
COURSE GRID	387000.0	3736500.0	1.73E-02	0	1.73E-02	2.38E-01	2.21E-01	561	8.05E-03	2.38E-01	2.30E-01																			
COURSE GRID	387500.0	3736500.0	1.66E-02	0	1.66E-02	2.35E-01	2.19E-01	562	7.69E-03	2.35E-01	2.28E-01																			
COURSE GRID	388000.0	3736500.0	1.56E-02	0	1.56E-02	2.14E-01	1.99E-01	563	7.08E-03	2.14E-01	2.07E-01																			
COURSE GRID	388500.0	3736500.0	1.48E-02	0	1.48E-02	1.94E-01	1.79E-01	564	6.72E-03	1.94E-01	1.87E-01																			
COURSE GRID	389000.0	3736500.0	1.49E-02	0	1.49E-02	1.76E-01	1.61E-01	565	6.89E-03	1.76E-01	1.69E-01																			
COURSE GRID	389500.0	3736500.0	1.51E-02	0	1.51E-02	1.56E-01	1.41E-01	566	6.98E-03	1.56E-01	1.49E-01																			
COURSE GRID	390000.0	3736500.0	1.56E-02	0	1.56E-02	1.41E-01	1.25E-01	567	7.37E-03	1.41E-01	1.33E-01																			
COURSE GRID	390500.0	3736500.0	1.51E-02	0	1.51E-02	1.28E-01	1.13E-01	568	7.34E-03	1.28E-01	1.20E-01																			
COURSE GRID	391000.0	3736500.0	1.36E-02	0	1.36E-02	1.22E-01	1.09E-01	569	6.65E-03	1.22E-01	1.16E-01																			
COURSE GRID	391500.0	3736500.0	1.24E-02	0	1.24E-02	1.10E-01	9.75E-02	570	5.97E-03	1.10E-01	1.04E-01																			
COURSE GRID	392000.0	3736500.0	1.21E-02	0	1.21E-02	9.73E-02	8.52E-02	571	5.81E-03	9.73E-02	9.15E-02																			
COURSE GRID	392500.0	3736500.0	1.19E-02	0	1.19E-02	9.11E-02	7.92E-02	572	5.69E-03	9.11E-02	8.54E-02																			
COURSE GRID	393000.0	3736500.0	1.16E-02	0	1.16E-02	8.46E-02	7.30E-02	573	5.46E-03	8.46E-02	7.91E-02																			
COURSE GRID	393500.0	3736500.0	1.10E-02	0	1.10E-02	7.90E-02	6.80E-02	574	5.11E-03	7.90E-02	7.39E-02																			

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION				PROPOSE PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE			
COURSE GRID	377000.0	3737000.0	1.03E-02	0	1.03E-02	5.43E-02	0	4.40E-02	4.75E-03	5.43E-02	4.75E-03	5.43E-02	-4.95E-02
COURSE GRID	377500.0	3737000.0	1.21E-02	0	1.21E-02	6.42E-02	0	-5.21E-02	5.86E-03	6.42E-02	5.86E-03	6.42E-02	-5.83E-02
COURSE GRID	378000.0	3737000.0	1.40E-02	0	1.40E-02	8.00E-02	0	-6.60E-02	6.67E-03	8.00E-02	6.67E-03	8.00E-02	-7.33E-02
COURSE GRID	378500.0	3737000.0	1.62E-02	0	1.62E-02	9.09E-02	0	-7.47E-02	7.44E-03	9.09E-02	7.44E-03	9.09E-02	-8.35E-02
COURSE GRID	379000.0	3737000.0	1.51E-02	0	1.51E-02	9.92E-02	0	-8.41E-02	7.19E-03	9.92E-02	7.19E-03	9.92E-02	-9.20E-02
COURSE GRID	379500.0	3737000.0	1.30E-02	0	1.30E-02	1.02E-01	0	-8.86E-02	6.01E-03	1.02E-01	6.01E-03	1.02E-01	-9.56E-02
COURSE GRID	380000.0	3737000.0	1.43E-02	0	1.43E-02	1.10E-01	0	-9.61E-02	6.50E-03	1.10E-01	6.50E-03	1.10E-01	-1.04E-01
COURSE GRID	380500.0	3737000.0	1.40E-02	0	1.40E-02	1.30E-01	0	-1.16E-01	6.47E-03	1.30E-01	6.47E-03	1.30E-01	-1.24E-01
COURSE GRID	381000.0	3737000.0	1.48E-02	0	1.48E-02	1.42E-01	0	-1.27E-01	6.92E-03	1.42E-01	6.92E-03	1.42E-01	-1.35E-01
COURSE GRID	381500.0	3737000.0	1.60E-02	0	1.60E-02	1.40E-01	0	-1.24E-01	7.50E-03	1.40E-01	7.50E-03	1.40E-01	-1.32E-01
COURSE GRID	382000.0	3737000.0	1.57E-02	0	1.57E-02	1.64E-01	0	-1.48E-01	7.18E-03	1.64E-01	7.18E-03	1.64E-01	-1.57E-01
COURSE GRID	382500.0	3737000.0	1.59E-02	0	1.59E-02	2.31E-01	0	-2.15E-01	7.28E-03	2.31E-01	7.28E-03	2.31E-01	-2.24E-01
COURSE GRID	383000.0	3737000.0	1.59E-02	0	1.59E-02	5.91E-01	0	-5.75E-01	7.24E-03	5.91E-01	7.24E-03	5.91E-01	-5.84E-01
COURSE GRID	383500.0	3737000.0	1.63E-02	0	1.63E-02	5.91E-01	0	-5.75E-01	7.58E-03	5.91E-01	7.58E-03	5.91E-01	-5.84E-01
COURSE GRID	384000.0	3737000.0	1.74E-02	0	1.74E-02	3.09E-01	0	-2.92E-01	8.04E-03	3.09E-01	8.04E-03	3.09E-01	-3.01E-01
COURSE GRID	384500.0	3737000.0	1.80E-02	0	1.80E-02	2.38E-01	0	-2.19E-01	8.49E-03	2.38E-01	8.49E-03	2.38E-01	-2.29E-01
COURSE GRID	385000.0	3737000.0	1.61E-02	0	1.61E-02	2.12E-01	0	-1.95E-01	7.56E-03	2.12E-01	7.56E-03	2.12E-01	-2.04E-01
COURSE GRID	385500.0	3737000.0	1.62E-02	0	1.62E-02	2.06E-01	0	-1.90E-01	7.64E-03	2.06E-01	7.64E-03	2.06E-01	-1.99E-01
COURSE GRID	386000.0	3737000.0	1.75E-02	0	1.75E-02	2.59E-01	0	-2.41E-01	8.39E-03	2.59E-01	8.39E-03	2.59E-01	-2.50E-01
COURSE GRID	386500.0	3737000.0	1.73E-02	0	1.73E-02	3.13E-01	0	-2.96E-01	8.20E-03	3.13E-01	8.20E-03	3.13E-01	-3.05E-01
COURSE GRID	387000.0	3737000.0	1.76E-02	0	1.76E-02	3.62E-01	0	-3.44E-01	8.28E-03	3.62E-01	8.28E-03	3.62E-01	-3.53E-01
COURSE GRID	387500.0	3737000.0	1.62E-02	0	1.62E-02	3.10E-01	0	-2.94E-01	7.38E-03	3.10E-01	7.38E-03	3.10E-01	-3.03E-01
COURSE GRID	388000.0	3737000.0	1.54E-02	0	1.54E-02	2.46E-01	0	-2.30E-01	7.07E-03	2.46E-01	7.07E-03	2.46E-01	-2.39E-01
COURSE GRID	388500.0	3737000.0	1.46E-02	0	1.46E-02	1.97E-01	0	-1.82E-01	6.55E-03	1.97E-01	6.55E-03	1.97E-01	-1.90E-01
COURSE GRID	389000.0	3737000.0	1.38E-02	0	1.38E-02	1.61E-01	0	-1.47E-01	6.22E-03	1.61E-01	6.22E-03	1.61E-01	-1.54E-01
COURSE GRID	389500.0	3737000.0	1.40E-02	0	1.40E-02	1.39E-01	0	-1.25E-01	6.45E-03	1.39E-01	6.45E-03	1.39E-01	-1.33E-01
COURSE GRID	390000.0	3737000.0	1.38E-02	0	1.38E-02	1.27E-01	0	-1.13E-01	6.33E-03	1.27E-01	6.33E-03	1.27E-01	-1.20E-01
COURSE GRID	390500.0	3737000.0	1.44E-02	0	1.44E-02	1.19E-01	0	-1.05E-01	6.73E-03	1.19E-01	6.73E-03	1.19E-01	-1.12E-01
COURSE GRID	391000.0	3737000.0	1.42E-02	0	1.42E-02	1.13E-01	0	-9.85E-02	6.86E-03	1.13E-01	6.86E-03	1.13E-01	-1.06E-01
COURSE GRID	391500.0	3737000.0	1.32E-02	0	1.32E-02	9.83E-02	0	-8.51E-02	6.47E-03	9.83E-02	6.47E-03	9.83E-02	-9.18E-02
COURSE GRID	392000.0	3737000.0	1.19E-02	0	1.19E-02	9.11E-02	0	-7.92E-02	5.75E-03	9.11E-02	5.75E-03	9.11E-02	-8.53E-02
COURSE GRID	392500.0	3737000.0	1.14E-02	0	1.14E-02	9.38E-02	0	-8.24E-02	5.45E-03	9.38E-02	5.45E-03	9.38E-02	-8.83E-02
COURSE GRID	393000.0	3737000.0	1.13E-02	0	1.13E-02	9.49E-02	0	-8.36E-02	5.39E-03	9.49E-02	5.39E-03	9.49E-02	-8.95E-02
COURSE GRID	393500.0	3737000.0	1.11E-02	0	1.11E-02	6.97E-02	0	-8.26E-02	5.25E-03	6.97E-02	5.25E-03	6.97E-02	-8.84E-02
COURSE GRID	377000.0	3737500.0	1.14E-02	0	1.14E-02	6.05E-02	0	-4.91E-02	5.51E-03	6.05E-02	5.51E-03	6.05E-02	-5.50E-02
COURSE GRID	377500.0	3737500.0	1.17E-02	0	1.17E-02	6.82E-02	0	-5.65E-02	5.69E-03	6.82E-02	5.69E-03	6.82E-02	-6.25E-02
COURSE GRID	378000.0	3737500.0	1.52E-02	0	1.52E-02	8.17E-02	0	-6.65E-02	6.99E-03	8.17E-02	6.99E-03	8.17E-02	-7.47E-02
COURSE GRID	378500.0	3737500.0	1.52E-02	0	1.52E-02	8.81E-02	0	-7.29E-02	7.16E-03	8.81E-02	7.16E-03	8.81E-02	-8.09E-02
COURSE GRID	379000.0	3737500.0	1.24E-02	0	1.24E-02	9.30E-02	0	-8.06E-02	5.68E-03	9.30E-02	5.68E-03	9.30E-02	-8.73E-02
COURSE GRID	379500.0	3737500.0	1.39E-02	0	1.39E-02	1.04E-01	0	-9.02E-02	6.36E-03	1.04E-01	6.36E-03	1.04E-01	-9.77E-02
COURSE GRID	380000.0	3737500.0	1.35E-02	0	1.35E-02	1.11E-01	0	-9.75E-02	6.11E-03	1.11E-01	6.11E-03	1.11E-01	-1.05E-01

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION				PROPOSE PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	380500.0	3737500.0	1.33E-02	0	1.33E-02	1.23E-01	-1.10E-01	6.19E-03	1.23E-01	6.19E-03	1.23E-01	-1.17E-01
COURSE GRID	381000.0	3737500.0	1.46E-02	0	1.46E-02	1.29E-01	-1.14E-01	6.79E-03	1.29E-01	6.79E-03	1.29E-01	-1.22E-01
COURSE GRID	381500.0	3737500.0	1.50E-02	0	1.50E-02	1.30E-01	-1.14E-01	6.96E-03	1.30E-01	6.96E-03	1.30E-01	-1.23E-01
COURSE GRID	382000.0	3737500.0	1.48E-02	0	1.48E-02	1.56E-01	-1.41E-01	6.74E-03	1.56E-01	6.74E-03	1.56E-01	-1.49E-01
COURSE GRID	382500.0	3737500.0	1.48E-02	0	1.48E-02	1.94E-01	-1.79E-01	6.76E-03	1.94E-01	6.76E-03	1.94E-01	-1.87E-01
COURSE GRID	383000.0	3737500.0	1.50E-02	0	1.50E-02	2.50E-01	-2.35E-01	6.82E-03	2.50E-01	6.82E-03	2.50E-01	-2.43E-01
COURSE GRID	383500.0	3737500.0	1.53E-02	0	1.53E-02	2.87E-01	-2.72E-01	7.09E-03	2.87E-01	7.09E-03	2.87E-01	-2.80E-01
COURSE GRID	384000.0	3737500.0	1.60E-02	0	1.60E-02	2.75E-01	-2.59E-01	7.35E-03	2.75E-01	7.35E-03	2.75E-01	-2.68E-01
COURSE GRID	384500.0	3737500.0	1.77E-02	0	1.77E-02	2.26E-01	-2.09E-01	8.36E-03	2.26E-01	8.36E-03	2.26E-01	-2.18E-01
COURSE GRID	385000.0	3737500.0	1.49E-02	0	1.49E-02	2.08E-01	-1.93E-01	6.91E-03	2.08E-01	6.91E-03	2.08E-01	-2.01E-01
COURSE GRID	385500.0	3737500.0	1.51E-02	0	1.51E-02	2.15E-01	-2.00E-01	7.11E-03	2.15E-01	7.11E-03	2.15E-01	-2.08E-01
COURSE GRID	386000.0	3737500.0	1.64E-02	0	1.64E-02	2.63E-01	-2.46E-01	7.88E-03	2.63E-01	7.88E-03	2.63E-01	-2.55E-01
COURSE GRID	386500.0	3737500.0	1.62E-02	0	1.62E-02	4.84E-01	-4.68E-01	7.61E-03	4.84E-01	7.61E-03	4.84E-01	-4.76E-01
COURSE GRID	387000.0	3737500.0	1.71E-02	0	1.71E-02	8.52E-01	-8.34E-01	8.09E-03	8.52E-01	8.09E-03	8.52E-01	-8.43E-01
COURSE GRID	387500.0	3737500.0	1.62E-02	0	1.62E-02	4.99E-01	-4.83E-01	7.52E-03	4.99E-01	7.52E-03	4.99E-01	-4.91E-01
COURSE GRID	388000.0	3737500.0	1.52E-02	0	1.52E-02	3.04E-01	-2.88E-01	6.94E-03	3.04E-01	6.94E-03	3.04E-01	-2.97E-01
COURSE GRID	388500.0	3737500.0	1.44E-02	0	1.44E-02	2.22E-01	-2.07E-01	6.52E-03	2.22E-01	6.52E-03	2.22E-01	-2.15E-01
COURSE GRID	389000.0	3737500.0	1.36E-02	0	1.36E-02	1.71E-01	-1.57E-01	6.10E-03	1.71E-01	6.10E-03	1.71E-01	-1.65E-01
COURSE GRID	389500.0	3737500.0	1.29E-02	0	1.29E-02	1.37E-01	-1.24E-01	5.80E-03	1.37E-01	5.80E-03	1.37E-01	-1.31E-01
COURSE GRID	390000.0	3737500.0	1.32E-02	0	1.32E-02	1.21E-01	-1.08E-01	6.07E-03	1.21E-01	6.07E-03	1.21E-01	-1.15E-01
COURSE GRID	390500.0	3737500.0	1.28E-02	0	1.28E-02	1.10E-01	-9.69E-02	5.89E-03	1.10E-01	5.89E-03	1.10E-01	-1.04E-01
COURSE GRID	391000.0	3737500.0	1.33E-02	0	1.33E-02	1.07E-01	-9.40E-02	6.24E-03	1.07E-01	6.24E-03	1.07E-01	-1.01E-01
COURSE GRID	391500.0	3737500.0	1.36E-02	0	1.36E-02	1.07E-01	-9.35E-02	6.49E-03	1.07E-01	6.49E-03	1.07E-01	-1.01E-01
COURSE GRID	392000.0	3737500.0	1.29E-02	0	1.29E-02	1.02E-01	-8.91E-02	6.33E-03	1.02E-01	6.33E-03	1.02E-01	-9.57E-02
COURSE GRID	392500.0	3737500.0	1.18E-02	0	1.18E-02	9.66E-02	-8.48E-02	5.77E-03	9.66E-02	5.77E-03	9.66E-02	-9.08E-02
COURSE GRID	393000.0	3737500.0	1.10E-02	0	1.10E-02	8.93E-02	-7.83E-02	5.21E-03	8.93E-02	5.21E-03	8.93E-02	-8.41E-02
COURSE GRID	393500.0	3737500.0	1.07E-02	0	1.07E-02	8.19E-02	-7.12E-02	5.08E-03	8.19E-02	5.08E-03	8.19E-02	-7.68E-02
COURSE GRID	377000.0	3738000.0	1.09E-02	0	1.09E-02	6.22E-02	-5.13E-02	5.27E-03	6.22E-02	5.27E-03	6.22E-02	-5.69E-02
COURSE GRID	378000.0	3738000.0	1.23E-02	0	1.23E-02	6.71E-02	-5.48E-02	5.88E-03	6.71E-02	5.88E-03	6.71E-02	-6.12E-02
COURSE GRID	378500.0	3738000.0	1.03E-02	0	1.03E-02	7.65E-02	-6.62E-02	4.75E-03	7.65E-02	4.75E-03	7.65E-02	-7.17E-02
COURSE GRID	379000.0	3738000.0	1.15E-02	0	1.15E-02	8.76E-02	-7.61E-02	5.11E-03	8.76E-02	5.11E-03	8.76E-02	-8.25E-02
COURSE GRID	379500.0	3738000.0	1.28E-02	0	1.28E-02	9.47E-02	-8.19E-02	5.75E-03	9.47E-02	5.75E-03	9.47E-02	-8.89E-02
COURSE GRID	380000.0	3738000.0	1.27E-02	0	1.27E-02	8.94E-02	-7.67E-02	5.88E-03	8.94E-02	5.88E-03	8.94E-02	-8.35E-02
COURSE GRID	380500.0	3738000.0	1.28E-02	0	1.28E-02	1.14E-01	-1.01E-01	5.91E-03	1.14E-01	5.91E-03	1.14E-01	-1.08E-01
COURSE GRID	381000.0	3738000.0	1.41E-02	0	1.41E-02	1.04E-01	-9.02E-02	6.59E-03	1.04E-01	6.59E-03	1.04E-01	-9.77E-02
COURSE GRID	381500.0	3738000.0	1.42E-02	0	1.42E-02	1.18E-01	-1.04E-01	6.54E-03	1.18E-01	6.54E-03	1.18E-01	-1.12E-01
COURSE GRID	382000.0	3738000.0	1.38E-02	0	1.38E-02	1.36E-01	-1.23E-01	6.22E-03	1.36E-01	6.22E-03	1.36E-01	-1.30E-01
COURSE GRID	382500.0	3738000.0	1.38E-02	0	1.38E-02	1.54E-01	-1.40E-01	6.31E-03	1.54E-01	6.31E-03	1.54E-01	-1.48E-01
COURSE GRID	383000.0	3738000.0	1.43E-02	0	1.43E-02	1.77E-01	-1.63E-01	6.50E-03	1.77E-01	6.50E-03	1.77E-01	-1.70E-01
COURSE GRID	383500.0	3738000.0	1.45E-02	0	1.45E-02	2.04E-01	-1.89E-01	6.69E-03	2.04E-01	6.69E-03	2.04E-01	-1.97E-01

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION				PROPOSE PROJECT - WITH MITIGATION				
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	
			IMPACT	BASELINE	IMPACT	NEPA IMPACT	IMPACT	BASELINE	IMPACT	NEPA IMPACT	
COURSE GRID	384000.0	3738000.0	1.52E-02	1.79E-01	1.52E-02	1.79E-01	-1.62E-01	657	6.93E-03	1.78E-01	-1.71E-01
COURSE GRID	384500.0	3738000.0	1.71E-02	2.01E-01	1.71E-02	2.01E-01	-1.84E-01	658	8.06E-03	2.01E-01	-1.93E-01
COURSE GRID	385000.0	3738000.0	1.44E-02	1.87E-01	1.44E-02	1.87E-01	-1.72E-01	659	6.72E-03	1.87E-01	-1.80E-01
COURSE GRID	385500.0	3738000.0	1.45E-02	2.07E-01	1.45E-02	2.07E-01	-1.92E-01	660	6.85E-03	2.07E-01	-2.00E-01
COURSE GRID	386000.0	3738000.0	1.51E-02	2.58E-01	1.51E-02	2.58E-01	-2.42E-01	661	7.15E-03	2.58E-01	-2.50E-01
COURSE GRID	386500.0	3738000.0	1.56E-02	3.88E-01	1.56E-02	3.88E-01	-3.72E-01	662	7.43E-03	3.88E-01	-3.80E-01
COURSE GRID	387000.0	3738000.0	1.56E-02	5.87E-01	1.56E-02	5.87E-01	-5.71E-01	663	7.35E-03	5.87E-01	-5.79E-01
COURSE GRID	387500.0	3738000.0	1.62E-02	1.32E+00	1.62E-02	1.32E+00	-1.31E+00	664	7.56E-03	1.32E+00	-1.31E+00
COURSE GRID	388000.0	3738000.0	1.50E-02	3.21E-01	1.50E-02	3.21E-01	-3.06E-01	665	6.83E-03	3.21E-01	-3.14E-01
COURSE GRID	388500.0	3738000.0	1.43E-02	2.04E-01	1.43E-02	2.04E-01	-1.90E-01	666	6.43E-03	2.04E-01	-1.98E-01
COURSE GRID	389000.0	3738000.0	1.35E-02	1.55E-01	1.35E-02	1.55E-01	-1.42E-01	667	6.07E-03	1.55E-01	-1.49E-01
COURSE GRID	389500.0	3738000.0	1.27E-02	1.35E-01	1.27E-02	1.35E-01	-1.22E-01	668	5.73E-03	1.35E-01	-1.29E-01
COURSE GRID	390000.0	3738000.0	1.21E-02	1.11E-01	1.21E-02	1.11E-01	-9.88E-02	669	5.45E-03	1.11E-01	-1.05E-01
COURSE GRID	390500.0	3738000.0	1.23E-02	1.01E-01	1.23E-02	1.01E-01	-8.84E-02	670	5.67E-03	1.01E-01	-9.50E-02
COURSE GRID	391000.0	3738000.0	1.20E-02	9.68E-02	1.20E-02	9.68E-02	-8.46E-02	671	5.56E-03	9.68E-02	-9.10E-02
COURSE GRID	391500.0	3738000.0	1.24E-02	8.77E-02	1.24E-02	8.77E-02	-7.53E-02	672	5.79E-03	8.77E-02	-8.19E-02
COURSE GRID	392000.0	3738000.0	1.28E-02	7.72E-02	1.28E-02	7.72E-02	-6.44E-02	673	6.12E-03	7.72E-02	-7.11E-02
COURSE GRID	392500.0	3738000.0	1.27E-02	7.44E-02	1.27E-02	7.44E-02	-6.17E-02	674	6.15E-03	7.44E-02	-6.82E-02
COURSE GRID	393000.0	3738000.0	1.18E-02	7.47E-02	1.18E-02	7.47E-02	-6.29E-02	675	5.76E-03	7.47E-02	-6.89E-02
COURSE GRID	393500.0	3738000.0	1.08E-02	7.32E-02	1.08E-02	7.32E-02	-6.24E-02	676	5.17E-03	7.32E-02	-6.80E-02
COURSE GRID	377000.0	3738500.0	1.17E-02	5.92E-02	1.17E-02	5.92E-02	-4.75E-02	677	5.59E-03	5.92E-02	-5.36E-02
COURSE GRID	377500.0	3738500.0	1.28E-02	7.08E-02	1.28E-02	7.08E-02	-5.80E-02	678	6.01E-03	7.08E-02	-6.48E-02
COURSE GRID	378000.0	3738500.0	1.03E-02	6.93E-02	1.03E-02	6.93E-02	-5.90E-02	679	4.83E-03	6.93E-02	-6.45E-02
COURSE GRID	378500.0	3738500.0	1.12E-02	8.05E-02	1.12E-02	8.05E-02	-6.93E-02	680	5.01E-03	8.05E-02	-7.55E-02
COURSE GRID	379000.0	3738500.0	1.28E-02	8.57E-02	1.28E-02	8.57E-02	-7.29E-02	681	5.73E-03	8.57E-02	-8.00E-02
COURSE GRID	379500.0	3738500.0	1.25E-02	9.49E-02	1.25E-02	9.49E-02	-8.24E-02	682	5.78E-03	9.49E-02	-8.91E-02
COURSE GRID	380000.0	3738500.0	1.20E-02	8.88E-02	1.20E-02	8.88E-02	-7.68E-02	683	5.57E-03	8.88E-02	-8.32E-02
COURSE GRID	380500.0	3738500.0	1.29E-02	9.16E-02	1.29E-02	9.16E-02	-8.35E-02	684	5.98E-03	9.16E-02	-8.56E-02
COURSE GRID	381000.0	3738500.0	1.36E-02	9.71E-02	1.36E-02	9.71E-02	-8.35E-02	685	6.27E-03	9.71E-02	-9.08E-02
COURSE GRID	381500.0	3738500.0	1.32E-02	1.08E-01	1.32E-02	1.08E-01	-9.51E-02	686	6.02E-03	1.08E-01	-1.02E-01
COURSE GRID	382000.0	3738500.0	1.31E-02	1.24E-01	1.31E-02	1.24E-01	-1.11E-01	687	5.87E-03	1.24E-01	-1.18E-01
COURSE GRID	382500.0	3738500.0	1.30E-02	1.31E-01	1.30E-02	1.31E-01	-1.18E-01	688	5.89E-03	1.31E-01	-1.25E-01
COURSE GRID	383000.0	3738500.0	1.37E-02	1.53E-01	1.37E-02	1.53E-01	-1.39E-01	689	6.20E-03	1.53E-01	-1.46E-01
COURSE GRID	383500.0	3738500.0	1.38E-02	1.50E-01	1.38E-02	1.50E-01	-1.36E-01	690	6.35E-03	1.50E-01	-1.44E-01
COURSE GRID	384000.0	3738500.0	1.44E-02	1.63E-01	1.44E-02	1.63E-01	-1.48E-01	691	6.56E-03	1.63E-01	-1.56E-01
COURSE GRID	384500.0	3738500.0	1.63E-02	1.72E-01	1.63E-02	1.72E-01	-1.55E-01	692	7.66E-03	1.72E-01	-1.64E-01
COURSE GRID	385000.0	3738500.0	1.42E-02	1.66E-01	1.42E-02	1.66E-01	-1.51E-01	693	6.68E-03	1.66E-01	-1.59E-01
COURSE GRID	385500.0	3738500.0	1.38E-02	1.88E-01	1.38E-02	1.88E-01	-1.74E-01	694	6.54E-03	1.88E-01	-1.82E-01
COURSE GRID	386000.0	3738500.0	1.39E-02	2.20E-01	1.39E-02	2.20E-01	-2.06E-01	695	6.50E-03	2.20E-01	-2.13E-01
COURSE GRID	386500.0	3738500.0	1.51E-02	2.65E-01	1.51E-02	2.65E-01	-2.50E-01	696	7.16E-03	2.65E-01	-2.58E-01
COURSE GRID	387000.0	3738500.0	1.47E-02	2.95E-01	1.47E-02	2.95E-01	-2.80E-01	697	6.86E-03	2.95E-01	-2.88E-01

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION					PROPOSE PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	Rec #	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	387500.0	3738500.0	1.55E-02	0	1.55E-02	2.86E-01	-2.70E-01	698	7.28E-03	0	7.28E-03	2.86E-01	-2.79E-01
COURSE GRID	388000.0	3738500.0	1.52E-02	0	1.52E-02	2.49E-01	-2.33E-01	699	6.99E-03	0	6.99E-03	2.49E-01	-2.42E-01
COURSE GRID	388500.0	3738500.0	1.39E-02	0	1.39E-02	1.75E-01	-1.61E-01	700	6.22E-03	0	6.22E-03	1.75E-01	-1.68E-01
COURSE GRID	389000.0	3738500.0	1.34E-02	0	1.34E-02	1.50E-01	-1.36E-01	701	5.97E-03	0	5.97E-03	1.50E-01	-1.44E-01
COURSE GRID	389500.0	3738500.0	1.27E-02	0	1.27E-02	1.33E-01	-1.20E-01	702	5.71E-03	0	5.71E-03	1.33E-01	-1.27E-01
COURSE GRID	390000.0	3738500.0	1.20E-02	0	1.20E-02	1.14E-01	-1.02E-01	703	5.41E-03	0	5.41E-03	1.14E-01	-1.09E-01
COURSE GRID	390500.0	3738500.0	1.14E-02	0	1.14E-02	1.02E-01	-9.04E-02	704	5.14E-03	0	5.14E-03	1.02E-01	-9.67E-02
COURSE GRID	391000.0	3738500.0	1.15E-02	0	1.15E-02	9.75E-02	-8.60E-02	705	5.32E-03	0	5.32E-03	9.75E-02	-9.22E-02
COURSE GRID	391500.0	3738500.0	1.14E-02	0	1.14E-02	8.67E-02	-7.53E-02	706	5.30E-03	0	5.30E-03	8.67E-02	-8.14E-02
COURSE GRID	392000.0	3738500.0	1.16E-02	0	1.16E-02	8.01E-02	-6.85E-02	707	5.42E-03	0	5.42E-03	8.01E-02	-7.47E-02
COURSE GRID	392500.0	3738500.0	1.22E-02	0	1.22E-02	7.53E-02	-6.31E-02	708	5.78E-03	0	5.78E-03	7.53E-02	-6.95E-02
COURSE GRID	393000.0	3738500.0	1.23E-02	0	1.23E-02	7.10E-02	-5.87E-02	709	5.92E-03	0	5.92E-03	7.10E-02	-6.51E-02
COURSE GRID	393500.0	3738500.0	1.17E-02	0	1.17E-02	6.51E-02	-5.34E-02	710	5.70E-03	0	5.70E-03	6.51E-02	-5.94E-02
COURSE GRID	377000.0	3739000.0	1.40E-02	0	1.40E-02	7.35E-02	-5.95E-02	711	6.47E-03	0	6.47E-03	7.35E-02	-6.70E-02
COURSE GRID	377500.0	3739000.0	1.16E-02	0	1.16E-02	6.78E-02	-5.62E-02	712	5.50E-03	0	5.50E-03	6.78E-02	-6.23E-02
COURSE GRID	378000.0	3739000.0	1.16E-02	0	1.16E-02	7.84E-02	-6.68E-02	713	5.28E-03	0	5.28E-03	7.84E-02	-7.31E-02
COURSE GRID	378500.0	3739000.0	1.22E-02	0	1.22E-02	7.94E-02	-6.72E-02	714	5.63E-03	0	5.63E-03	7.94E-02	-7.38E-02
COURSE GRID	379000.0	3739000.0	1.21E-02	0	1.21E-02	8.10E-02	-6.89E-02	715	5.50E-03	0	5.50E-03	8.10E-02	-7.55E-02
COURSE GRID	379500.0	3739000.0	1.13E-02	0	1.13E-02	8.25E-02	-7.12E-02	716	5.26E-03	0	5.26E-03	8.25E-02	-7.72E-02
COURSE GRID	380000.0	3739000.0	1.16E-02	0	1.16E-02	8.32E-02	-7.16E-02	717	5.32E-03	0	5.32E-03	8.32E-02	-7.79E-02
COURSE GRID	380500.0	3739000.0	1.26E-02	0	1.26E-02	8.78E-02	-7.52E-02	718	5.83E-03	0	5.83E-03	8.78E-02	-8.20E-02
COURSE GRID	381000.0	3739000.0	1.29E-02	0	1.29E-02	8.87E-02	-7.58E-02	719	5.96E-03	0	5.96E-03	8.87E-02	-8.27E-02
COURSE GRID	381500.0	3739000.0	1.26E-02	0	1.26E-02	9.84E-02	-8.58E-02	720	5.69E-03	0	5.69E-03	9.84E-02	-9.27E-02
COURSE GRID	382000.0	3739000.0	1.26E-02	0	1.26E-02	1.06E-01	-9.34E-02	721	5.68E-03	0	5.68E-03	1.06E-01	-1.00E-01
COURSE GRID	382500.0	3739000.0	1.24E-02	0	1.24E-02	1.18E-01	-1.06E-01	722	5.55E-03	0	5.55E-03	1.18E-01	-1.13E-01
COURSE GRID	383000.0	3739000.0	1.30E-02	0	1.30E-02	1.26E-01	-1.13E-01	723	5.91E-03	0	5.91E-03	1.26E-01	-1.20E-01
COURSE GRID	383500.0	3739000.0	1.32E-02	0	1.32E-02	1.28E-01	-1.15E-01	724	6.05E-03	0	6.05E-03	1.28E-01	-1.22E-01
COURSE GRID	384000.0	3739000.0	1.37E-02	0	1.37E-02	1.28E-01	-1.14E-01	725	6.23E-03	0	6.23E-03	1.28E-01	-1.21E-01
COURSE GRID	384500.0	3739000.0	1.54E-02	0	1.54E-02	1.48E-01	-1.32E-01	726	7.19E-03	0	7.19E-03	1.48E-01	-1.41E-01
COURSE GRID	385000.0	3739000.0	1.42E-02	0	1.42E-02	1.53E-01	-1.39E-01	727	6.68E-03	0	6.68E-03	1.53E-01	-1.46E-01
COURSE GRID	385500.0	3739000.0	1.31E-02	0	1.31E-02	1.62E-01	-1.49E-01	728	6.19E-03	0	6.19E-03	1.62E-01	-1.56E-01
COURSE GRID	386000.0	3739000.0	1.30E-02	0	1.30E-02	1.72E-01	-1.59E-01	729	6.03E-03	0	6.03E-03	1.72E-01	-1.66E-01
COURSE GRID	386500.0	3739000.0	1.39E-02	0	1.39E-02	1.99E-01	-1.85E-01	730	6.61E-03	0	6.61E-03	1.99E-01	-1.92E-01
COURSE GRID	387000.0	3739000.0	1.43E-02	0	1.43E-02	2.09E-01	-1.95E-01	731	6.73E-03	0	6.73E-03	2.09E-01	-2.02E-01
COURSE GRID	387500.0	3739000.0	1.42E-02	0	1.42E-02	2.00E-01	-1.85E-01	732	6.62E-03	0	6.62E-03	2.00E-01	-1.93E-01
COURSE GRID	388000.0	3739000.0	1.49E-02	0	1.49E-02	1.78E-01	-1.63E-01	733	6.89E-03	0	6.89E-03	1.78E-01	-1.71E-01
COURSE GRID	388500.0	3739000.0	1.41E-02	0	1.41E-02	1.52E-01	-1.38E-01	734	6.38E-03	0	6.38E-03	1.52E-01	-1.46E-01
COURSE GRID	389000.0	3739000.0	1.32E-02	0	1.32E-02	1.35E-01	-1.22E-01	735	5.84E-03	0	5.84E-03	1.35E-01	-1.29E-01
COURSE GRID	389500.0	3739000.0	1.26E-02	0	1.26E-02	1.09E-01	-9.68E-02	736	5.61E-03	0	5.61E-03	1.09E-01	-1.04E-01
COURSE GRID	390000.0	3739000.0	1.20E-02	0	1.20E-02	1.05E-01	-9.25E-02	737	5.40E-03	0	5.40E-03	1.05E-01	-9.91E-02
COURSE GRID	390500.0	3739000.0	1.13E-02	0	1.13E-02	1.01E-01	-8.92E-02	738	5.09E-03	0	5.09E-03	1.01E-01	-9.54E-02

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION				PROPOSE PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	391000.0	3739000.0	1.07E-02	0	1.07E-02	9.30E-02	-8.23E-02	4.84E-03	0	4.84E-03	9.30E-02	-8.82E-02
COURSE GRID	391500.0	3739000.0	1.09E-02	0	1.09E-02	8.76E-02	-7.67E-02	5.00E-03	0	5.00E-03	8.76E-02	-8.26E-02
COURSE GRID	392000.0	3739000.0	1.09E-02	0	1.09E-02	8.19E-02	-7.10E-02	5.06E-03	0	5.06E-03	8.19E-02	-7.68E-02
COURSE GRID	392500.0	3739000.0	1.09E-02	0	1.09E-02	7.08E-02	-5.99E-02	5.06E-03	0	5.06E-03	7.08E-02	-6.57E-02
COURSE GRID	393000.0	3739000.0	1.15E-02	0	1.15E-02	7.08E-02	-5.93E-02	5.39E-03	0	5.39E-03	7.08E-02	-6.54E-02
COURSE GRID	393500.0	3739000.0	1.17E-02	0	1.17E-02	6.61E-02	-5.44E-02	5.60E-03	0	5.60E-03	6.61E-02	-6.05E-02
COURSE GRID	377000.0	3739500.0	1.18E-02	0	1.18E-02	6.74E-02	-5.35E-02	5.54E-03	0	5.54E-03	6.74E-02	-5.98E-02
COURSE GRID	377500.0	3739500.0	1.04E-02	0	1.04E-02	6.74E-02	-5.70E-02	4.68E-03	0	4.68E-03	6.74E-02	-6.27E-02
COURSE GRID	378000.0	3739500.0	1.01E-02	0	1.01E-02	6.78E-02	-5.77E-02	4.57E-03	0	4.57E-03	6.78E-02	-6.32E-02
COURSE GRID	378500.0	3739500.0	1.10E-02	0	1.10E-02	7.23E-02	-6.13E-02	4.93E-03	0	4.93E-03	7.23E-02	-6.74E-02
COURSE GRID	379000.0	3739500.0	1.10E-02	0	1.10E-02	7.54E-02	-6.44E-02	5.05E-03	0	5.05E-03	7.54E-02	-7.03E-02
COURSE GRID	379500.0	3739500.0	1.09E-02	0	1.09E-02	7.64E-02	-6.55E-02	4.99E-03	0	4.99E-03	7.64E-02	-7.14E-02
COURSE GRID	380000.0	3739500.0	1.15E-02	0	1.15E-02	7.70E-02	-6.55E-02	5.26E-03	0	5.26E-03	7.70E-02	-7.17E-02
COURSE GRID	380500.0	3739500.0	1.23E-02	0	1.23E-02	8.02E-02	-7.79E-02	5.65E-03	0	5.65E-03	8.02E-02	-7.45E-02
COURSE GRID	381000.0	3739500.0	1.23E-02	0	1.23E-02	9.10E-02	-8.00E-02	5.60E-03	0	5.60E-03	9.10E-02	-8.54E-02
COURSE GRID	381500.0	3739500.0	1.21E-02	0	1.21E-02	9.21E-02	-8.00E-02	5.43E-03	0	5.43E-03	9.21E-02	-8.67E-02
COURSE GRID	382000.0	3739500.0	1.21E-02	0	1.21E-02	9.74E-02	-8.53E-02	5.48E-03	0	5.48E-03	9.74E-02	-9.19E-02
COURSE GRID	382500.0	3739500.0	1.19E-02	0	1.19E-02	1.05E-01	-9.26E-02	5.33E-03	0	5.33E-03	1.05E-01	-9.92E-02
COURSE GRID	383000.0	3739500.0	1.24E-02	0	1.24E-02	1.11E-01	-9.86E-02	5.64E-03	0	5.64E-03	1.11E-01	-1.05E-01
COURSE GRID	383500.0	3739500.0	1.26E-02	0	1.26E-02	1.17E-01	-1.05E-01	5.77E-03	0	5.77E-03	1.17E-01	-1.11E-01
COURSE GRID	384000.0	3739500.0	1.31E-02	0	1.31E-02	1.17E-01	-1.04E-01	5.91E-03	0	5.91E-03	1.17E-01	-1.11E-01
COURSE GRID	384500.0	3739500.0	1.45E-02	0	1.45E-02	1.27E-01	-1.12E-01	6.74E-03	0	6.74E-03	1.27E-01	-1.20E-01
COURSE GRID	385000.0	3739500.0	1.42E-02	0	1.42E-02	1.27E-01	-1.12E-01	6.64E-03	0	6.64E-03	1.27E-01	-1.20E-01
COURSE GRID	385500.0	3739500.0	1.24E-02	0	1.24E-02	1.30E-01	-1.17E-01	5.87E-03	0	5.87E-03	1.30E-01	-1.24E-01
COURSE GRID	386000.0	3739500.0	1.27E-02	0	1.27E-02	1.53E-01	-1.40E-01	5.88E-03	0	5.88E-03	1.53E-01	-1.47E-01
COURSE GRID	386500.0	3739500.0	1.30E-02	0	1.30E-02	1.63E-01	-1.50E-01	6.12E-03	0	6.12E-03	1.63E-01	-1.57E-01
COURSE GRID	387000.0	3739500.0	1.38E-02	0	1.38E-02	1.62E-01	-1.48E-01	6.51E-03	0	6.51E-03	1.62E-01	-1.56E-01
COURSE GRID	387500.0	3739500.0	1.35E-02	0	1.35E-02	1.43E-01	-1.29E-01	6.23E-03	0	6.23E-03	1.43E-01	-1.37E-01
COURSE GRID	388000.0	3739500.0	1.42E-02	0	1.42E-02	1.36E-01	-1.22E-01	6.56E-03	0	6.56E-03	1.36E-01	-1.29E-01
COURSE GRID	388500.0	3739500.0	1.43E-02	0	1.43E-02	1.26E-01	-1.11E-01	6.47E-03	0	6.47E-03	1.26E-01	-1.19E-01
COURSE GRID	389000.0	3739500.0	1.32E-02	0	1.32E-02	1.19E-01	-1.06E-01	5.90E-03	0	5.90E-03	1.19E-01	-1.13E-01
COURSE GRID	389500.0	3739500.0	1.25E-02	0	1.25E-02	1.07E-01	-9.47E-02	5.52E-03	0	5.52E-03	1.07E-01	-1.02E-01
COURSE GRID	390000.0	3739500.0	1.19E-02	0	1.19E-02	9.45E-02	-8.26E-02	5.31E-03	0	5.31E-03	9.45E-02	-8.92E-02
COURSE GRID	390500.0	3739500.0	1.13E-02	0	1.13E-02	8.94E-02	-7.81E-02	5.11E-03	0	5.11E-03	8.94E-02	-8.43E-02
COURSE GRID	391000.0	3739500.0	1.06E-02	0	1.06E-02	8.62E-02	-7.56E-02	4.80E-03	0	4.80E-03	8.62E-02	-8.14E-02
COURSE GRID	391500.0	3739500.0	1.01E-02	0	1.01E-02	8.15E-02	-7.14E-02	4.59E-03	0	4.59E-03	8.15E-02	-7.69E-02
COURSE GRID	392000.0	3739500.0	1.03E-02	0	1.03E-02	7.86E-02	-6.83E-02	4.74E-03	0	4.74E-03	7.86E-02	-7.39E-02
COURSE GRID	392500.0	3739500.0	1.04E-02	0	1.04E-02	7.31E-02	-6.27E-02	4.84E-03	0	4.84E-03	7.31E-02	-6.83E-02
COURSE GRID	393000.0	3739500.0	1.02E-02	0	1.02E-02	7.04E-02	-6.02E-02	4.68E-03	0	4.68E-03	7.04E-02	-6.57E-02
COURSE GRID	393500.0	3739500.0	1.07E-02	0	1.07E-02	6.84E-02	-5.77E-02	4.98E-03	0	4.98E-03	6.84E-02	-6.34E-02
COURSE GRID	377000.0	3740000.0	9.71E-03	0	9.71E-03	5.93E-02	-4.96E-02	4.41E-03	0	4.41E-03	5.93E-02	-5.49E-02

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION				PROPOSE PROJECT - WITH MITIGATION				
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	
			IMPACT	BASELINE	IMPACT	NEPA BASELINE	IMPACT	BASELINE	IMPACT	NEPA BASELINE	
COURSE GRID	377500.0	3740000.0	9.51E-03	0	9.51E-03	6.43E-02	-5.48E-02	780	4.26E-03	6.43E-02	-6.00E-02
COURSE GRID	378000.0	3740000.0	1.03E-02	0	1.03E-02	6.43E-02	-5.40E-02	781	4.63E-03	6.43E-02	-5.97E-02
COURSE GRID	378500.0	3740000.0	1.06E-02	0	1.06E-02	6.68E-02	-5.62E-02	782	4.83E-03	6.68E-02	-6.20E-02
COURSE GRID	379000.0	3740000.0	1.03E-02	0	1.03E-02	7.27E-02	-6.24E-02	783	4.76E-03	7.27E-02	-6.79E-02
COURSE GRID	379500.0	3740000.0	1.03E-02	0	1.03E-02	7.31E-02	-6.28E-02	784	4.71E-03	7.31E-02	-6.84E-02
COURSE GRID	380000.0	3740000.0	1.13E-02	0	1.13E-02	7.33E-02	-6.20E-02	785	5.19E-03	7.33E-02	-6.81E-02
COURSE GRID	380500.0	3740000.0	1.18E-02	0	1.18E-02	8.22E-02	-7.04E-02	786	5.43E-03	8.22E-02	-7.68E-02
COURSE GRID	381000.0	3740000.0	1.15E-02	0	1.15E-02	8.14E-02	-6.99E-02	787	5.21E-03	8.14E-02	-7.62E-02
COURSE GRID	381500.0	3740000.0	1.14E-02	0	1.14E-02	8.76E-02	-7.62E-02	788	5.11E-03	8.76E-02	-8.25E-02
COURSE GRID	382000.0	3740000.0	1.16E-02	0	1.16E-02	9.24E-02	-8.08E-02	789	5.23E-03	9.24E-02	-8.72E-02
COURSE GRID	382500.0	3740000.0	1.14E-02	0	1.14E-02	9.64E-02	-8.50E-02	790	5.09E-03	9.64E-02	-9.13E-02
COURSE GRID	383000.0	3740000.0	1.19E-02	0	1.19E-02	9.98E-02	-8.79E-02	791	5.39E-03	9.98E-02	-9.44E-02
COURSE GRID	383500.0	3740000.0	1.21E-02	0	1.21E-02	1.02E-01	-9.01E-02	792	5.50E-03	1.02E-01	-9.67E-02
COURSE GRID	384000.0	3740000.0	1.25E-02	0	1.25E-02	1.00E-01	-8.77E-02	793	5.64E-03	1.00E-01	-9.46E-02
COURSE GRID	384500.0	3740000.0	1.37E-02	0	1.37E-02	1.09E-01	-9.56E-02	794	6.28E-03	1.09E-01	-1.03E-01
COURSE GRID	385000.0	3740000.0	1.40E-02	0	1.40E-02	1.19E-01	-1.05E-01	795	6.54E-03	1.19E-01	-1.12E-01
COURSE GRID	385500.0	3740000.0	1.20E-02	0	1.20E-02	1.21E-01	-1.09E-01	796	5.76E-03	1.21E-01	-1.15E-01
COURSE GRID	386000.0	3740000.0	1.22E-02	0	1.22E-02	1.26E-01	-1.14E-01	797	5.72E-03	1.26E-01	-1.20E-01
COURSE GRID	386500.0	3740000.0	1.22E-02	0	1.22E-02	1.31E-01	-1.19E-01	798	5.69E-03	1.31E-01	-1.26E-01
COURSE GRID	387000.0	3740000.0	1.30E-02	0	1.30E-02	1.39E-01	-1.25E-01	799	6.14E-03	1.39E-01	-1.32E-01
COURSE GRID	387500.0	3740000.0	1.32E-02	0	1.32E-02	1.28E-01	-1.15E-01	800	6.15E-03	1.28E-01	-1.22E-01
COURSE GRID	388000.0	3740000.0	1.31E-02	0	1.31E-02	1.25E-01	-1.12E-01	801	6.07E-03	1.25E-01	-1.19E-01
COURSE GRID	388500.0	3740000.0	1.37E-02	0	1.37E-02	1.07E-01	-9.37E-02	802	6.25E-03	1.07E-01	-1.01E-01
COURSE GRID	389000.0	3740000.0	1.34E-02	0	1.34E-02	9.99E-02	-8.65E-02	803	5.97E-03	9.99E-02	-9.39E-02
COURSE GRID	389500.0	3740000.0	1.24E-02	0	1.24E-02	1.00E-01	-8.78E-02	804	5.44E-03	1.00E-01	-9.48E-02
COURSE GRID	390000.0	3740000.0	1.18E-02	0	1.18E-02	9.07E-02	-7.89E-02	805	5.22E-03	9.07E-02	-8.55E-02
COURSE GRID	390500.0	3740000.0	1.11E-02	0	1.11E-02	8.68E-02	-7.57E-02	806	5.01E-03	8.68E-02	-8.18E-02
COURSE GRID	391000.0	3740000.0	1.06E-02	0	1.06E-02	8.17E-02	-7.11E-02	807	4.81E-03	8.17E-02	-7.69E-02
COURSE GRID	391500.0	3740000.0	9.91E-03	0	9.91E-03	7.81E-02	-6.82E-02	808	4.51E-03	7.81E-02	-7.36E-02
COURSE GRID	392000.0	3740000.0	9.59E-03	0	9.59E-03	7.62E-02	-6.66E-02	809	4.38E-03	7.62E-02	-7.18E-02
COURSE GRID	392500.0	3740000.0	9.86E-03	0	9.86E-03	7.46E-02	-6.47E-02	810	4.51E-03	7.46E-02	-7.01E-02
COURSE GRID	393000.0	3740000.0	1.01E-02	0	1.01E-02	7.01E-02	-6.00E-02	811	4.64E-03	7.01E-02	-6.55E-02
COURSE GRID	393500.0	3740000.0	9.80E-03	0	9.80E-03	6.71E-02	-5.73E-02	812	4.50E-03	6.71E-02	-6.26E-02
COURSE GRID	377000.0	3740500.0	8.96E-03	0	8.96E-03	5.81E-02	-4.91E-02	813	3.96E-03	5.81E-02	-5.41E-02
COURSE GRID	377500.0	3740500.0	9.55E-03	0	9.55E-03	6.18E-02	-5.22E-02	814	4.27E-03	6.18E-02	-5.75E-02
COURSE GRID	378000.0	3740500.0	1.03E-02	0	1.03E-02	6.51E-02	-5.48E-02	815	4.63E-03	6.51E-02	-6.05E-02
COURSE GRID	378500.0	3740500.0	1.00E-02	0	1.00E-02	6.45E-02	-5.45E-02	816	4.61E-03	6.45E-02	-5.99E-02
COURSE GRID	379000.0	3740500.0	9.97E-03	0	9.97E-03	6.68E-02	-5.68E-02	817	4.52E-03	6.68E-02	-6.23E-02
COURSE GRID	379500.0	3740500.0	1.03E-02	0	1.03E-02	6.80E-02	-5.77E-02	818	4.68E-03	6.80E-02	-6.33E-02
COURSE GRID	380000.0	3740500.0	1.12E-02	0	1.12E-02	7.58E-02	-6.46E-02	819	5.11E-03	7.58E-02	-7.07E-02
COURSE GRID	380500.0	3740500.0	1.13E-02	0	1.13E-02	7.59E-02	-6.46E-02	820	5.19E-03	7.59E-02	-7.07E-02

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION				PROPOSE PROJECT - WITH MITIGATION				
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	
			IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE	
COURSE GRID	381000.0	3740500.0	1.09E-02	0	1.09E-02	7.55E-02	-6.46E-02	821	4.88E-03	7.55E-02	-7.06E-02
COURSE GRID	381500.0	3740500.0	1.08E-02	0	1.08E-02	7.78E-02	-6.70E-02	822	4.78E-03	7.78E-02	-7.30E-02
COURSE GRID	382000.0	3740500.0	1.10E-02	0	1.10E-02	9.00E-02	-7.90E-02	823	4.97E-03	9.00E-02	-8.50E-02
COURSE GRID	382500.0	3740500.0	1.10E-02	0	1.10E-02	9.18E-02	-8.08E-02	824	4.87E-03	9.18E-02	-8.69E-02
COURSE GRID	383000.0	3740500.0	1.14E-02	0	1.14E-02	9.40E-02	-8.26E-02	825	5.15E-03	9.40E-02	-8.88E-02
COURSE GRID	383500.0	3740500.0	1.16E-02	0	1.16E-02	9.07E-02	-7.91E-02	826	5.27E-03	9.07E-02	-8.54E-02
COURSE GRID	384000.0	3740500.0	1.20E-02	0	1.20E-02	9.89E-02	-8.69E-02	827	5.38E-03	9.89E-02	-9.35E-02
COURSE GRID	384500.0	3740500.0	1.30E-02	0	1.30E-02	9.95E-02	-8.65E-02	828	5.97E-03	9.95E-02	-9.35E-02
COURSE GRID	385000.0	3740500.0	1.37E-02	0	1.37E-02	1.08E-01	-9.38E-02	829	6.40E-03	1.08E-01	-1.01E-01
COURSE GRID	385500.0	3740500.0	1.19E-02	0	1.19E-02	1.06E-01	-9.40E-02	830	5.72E-03	1.06E-01	-1.00E-01
COURSE GRID	386000.0	3740500.0	1.16E-02	0	1.16E-02	1.05E-01	-9.32E-02	831	5.50E-03	1.05E-01	-9.93E-02
COURSE GRID	386500.0	3740500.0	1.16E-02	0	1.16E-02	1.12E-01	-1.01E-01	832	5.37E-03	1.12E-01	-1.07E-01
COURSE GRID	387000.0	3740500.0	1.21E-02	0	1.21E-02	1.15E-01	-1.03E-01	833	5.73E-03	1.15E-01	-1.10E-01
COURSE GRID	387500.0	3740500.0	1.28E-02	0	1.28E-02	1.12E-01	-9.94E-02	834	5.99E-03	1.12E-01	-1.06E-01
COURSE GRID	388000.0	3740500.0	1.25E-02	0	1.25E-02	1.03E-01	-9.02E-02	835	5.77E-03	1.03E-01	-9.69E-02
COURSE GRID	388500.0	3740500.0	1.30E-02	0	1.30E-02	9.69E-02	-8.39E-02	836	5.93E-03	9.69E-02	-9.10E-02
COURSE GRID	389000.0	3740500.0	1.33E-02	0	1.33E-02	8.82E-02	-7.49E-02	837	5.96E-03	8.82E-02	-8.22E-02
COURSE GRID	389500.0	3740500.0	1.26E-02	0	1.26E-02	8.95E-02	-7.69E-02	838	5.57E-03	8.95E-02	-8.39E-02
COURSE GRID	390000.0	3740500.0	1.16E-02	0	1.16E-02	8.79E-02	-7.63E-02	839	5.09E-03	8.79E-02	-8.28E-02
COURSE GRID	390500.0	3740500.0	1.12E-02	0	1.12E-02	8.12E-02	-7.00E-02	840	4.95E-03	8.12E-02	-7.62E-02
COURSE GRID	391000.0	3740500.0	1.05E-02	0	1.05E-02	8.01E-02	-6.96E-02	841	4.75E-03	8.01E-02	-7.53E-02
COURSE GRID	391500.0	3740500.0	9.85E-03	0	9.85E-03	8.01E-02	-7.02E-02	842	4.50E-03	8.01E-02	-7.56E-02
COURSE GRID	392000.0	3740500.0	7.82E-03	0	7.82E-03	6.75E-02	-5.97E-02	843	3.59E-03	6.75E-02	-6.39E-02
COURSE GRID	392500.0	3740500.0	7.55E-03	0	7.55E-03	5.80E-02	-5.04E-02	844	3.47E-03	5.80E-02	-5.45E-02
COURSE GRID	393000.0	3740500.0	9.38E-03	0	9.38E-03	6.61E-02	-5.67E-02	845	4.31E-03	6.61E-02	-6.18E-02
COURSE GRID	393500.0	3740500.0	9.71E-03	0	9.71E-03	6.10E-02	-5.13E-02	846	4.47E-03	6.10E-02	-5.65E-02
COURSE GRID	377000.0	3741000.0	8.96E-03	0	8.96E-03	5.49E-02	-4.59E-02	847	4.00E-03	5.49E-02	-5.09E-02
COURSE GRID	377500.0	3741000.0	9.75E-03	0	9.75E-03	6.13E-02	-5.15E-02	848	4.35E-03	6.13E-02	-5.69E-02
COURSE GRID	378000.0	3741000.0	9.86E-03	0	9.86E-03	6.04E-02	-5.05E-02	849	4.49E-03	6.04E-02	-5.59E-02
COURSE GRID	378500.0	3741000.0	9.52E-03	0	9.52E-03	6.03E-02	-5.08E-02	850	4.36E-03	6.03E-02	-5.59E-02
COURSE GRID	379000.0	3741000.0	9.53E-03	0	9.53E-03	6.49E-02	-5.54E-02	851	4.28E-03	6.49E-02	-6.06E-02
COURSE GRID	379500.0	3741000.0	1.03E-02	0	1.03E-02	6.59E-02	-5.56E-02	852	4.68E-03	6.59E-02	-6.12E-02
COURSE GRID	380000.0	3741000.0	1.09E-02	0	1.09E-02	7.18E-02	-6.09E-02	853	4.94E-03	7.18E-02	-6.69E-02
COURSE GRID	380500.0	3741000.0	1.08E-02	0	1.08E-02	6.75E-02	-5.67E-02	854	4.88E-03	6.75E-02	-6.26E-02
COURSE GRID	381000.0	3741000.0	1.05E-02	0	1.05E-02	7.49E-02	-6.44E-02	855	4.71E-03	7.49E-02	-7.02E-02
COURSE GRID	381500.0	3741000.0	1.03E-02	0	1.03E-02	7.61E-02	-6.58E-02	856	4.56E-03	7.61E-02	-7.15E-02
COURSE GRID	382000.0	3741000.0	1.06E-02	0	1.06E-02	8.19E-02	-7.13E-02	857	4.75E-03	8.19E-02	-7.71E-02
COURSE GRID	382500.0	3741000.0	1.05E-02	0	1.05E-02	8.28E-02	-7.23E-02	858	4.67E-03	8.28E-02	-7.81E-02
COURSE GRID	383000.0	3741000.0	1.09E-02	0	1.09E-02	8.47E-02	-7.38E-02	859	4.89E-03	8.47E-02	-7.98E-02
COURSE GRID	383500.0	3741000.0	1.11E-02	0	1.11E-02	8.42E-02	-7.31E-02	860	5.05E-03	8.42E-02	-7.91E-02
COURSE GRID	384000.0	3741000.0	1.15E-02	0	1.15E-02	9.33E-02	-8.18E-02	861	5.14E-03	9.33E-02	-8.82E-02

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION				PROPOSE PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE			
COURSE GRID	384500.0	3741000.0	1.22E-02	0	1.22E-02	8.98E-02	7.76E-02	5.52E-03	8.98E-02	5.52E-03	8.98E-02	5.52E-03	8.98E-02
COURSE GRID	385000.0	3741000.0	1.34E-02	0	1.34E-02	9.10E-02	-7.76E-02	6.24E-03	9.10E-02	6.24E-03	9.10E-02	6.24E-03	-8.43E-02
COURSE GRID	385500.0	3741000.0	1.19E-02	0	1.19E-02	9.58E-02	-8.39E-02	5.73E-03	9.58E-02	5.73E-03	9.58E-02	5.73E-03	-9.01E-02
COURSE GRID	386000.0	3741000.0	1.13E-02	0	1.13E-02	9.86E-02	-8.73E-02	5.34E-03	9.86E-02	5.34E-03	9.86E-02	5.34E-03	-9.33E-02
COURSE GRID	386500.0	3741000.0	1.13E-02	0	1.13E-02	1.00E-01	-8.89E-02	5.19E-03	1.00E-01	5.19E-03	1.00E-01	5.19E-03	-9.50E-02
COURSE GRID	387000.0	3741000.0	1.16E-02	0	1.16E-02	9.99E-02	-8.83E-02	5.39E-03	9.99E-02	5.39E-03	9.99E-02	5.39E-03	-9.45E-02
COURSE GRID	387500.0	3741000.0	1.22E-02	0	1.22E-02	1.05E-01	-9.29E-02	5.69E-03	1.05E-01	5.69E-03	1.05E-01	5.69E-03	-9.94E-02
COURSE GRID	388000.0	3741000.0	1.22E-02	0	1.22E-02	9.66E-02	-8.44E-02	5.66E-03	9.66E-02	5.66E-03	9.66E-02	5.66E-03	-9.09E-02
COURSE GRID	388500.0	3741000.0	1.23E-02	0	1.23E-02	9.48E-02	-8.25E-02	5.59E-03	9.48E-02	5.59E-03	9.48E-02	5.59E-03	-8.92E-02
COURSE GRID	389000.0	3741000.0	1.27E-02	0	1.27E-02	8.52E-02	-7.25E-02	5.68E-03	8.52E-02	5.68E-03	8.52E-02	5.68E-03	-7.95E-02
COURSE GRID	389500.0	3741000.0	1.26E-02	0	1.26E-02	7.99E-02	-6.73E-02	5.60E-03	7.99E-02	5.60E-03	7.99E-02	5.60E-03	-7.43E-02
COURSE GRID	390000.0	3741000.0	1.18E-02	0	1.18E-02	7.94E-02	-6.76E-02	5.21E-03	7.94E-02	5.21E-03	7.94E-02	5.21E-03	-7.42E-02
COURSE GRID	390500.0	3741000.0	1.10E-02	0	1.10E-02	8.26E-02	-7.16E-02	4.83E-03	8.26E-02	4.83E-03	8.26E-02	4.83E-03	-7.78E-02
COURSE GRID	391000.0	3741000.0	1.05E-02	0	1.05E-02	7.63E-02	-6.58E-02	4.68E-03	7.63E-02	4.68E-03	7.63E-02	4.68E-03	-7.16E-02
COURSE GRID	391500.0	3741000.0	9.91E-03	0	9.91E-03	8.27E-02	-7.28E-02	4.51E-03	8.27E-02	4.51E-03	8.27E-02	4.51E-03	-7.82E-02
COURSE GRID	392000.0	3741000.0	9.36E-03	0	9.36E-03	7.38E-02	-6.44E-02	4.29E-03	7.38E-02	4.29E-03	7.38E-02	4.29E-03	-6.95E-02
COURSE GRID	392500.0	3741000.0	8.93E-03	0	8.93E-03	6.48E-02	-5.59E-02	4.07E-03	6.48E-02	4.07E-03	6.48E-02	4.07E-03	-6.07E-02
COURSE GRID	393000.0	3741000.0	8.86E-03	0	8.86E-03	6.25E-02	-5.36E-02	4.04E-03	6.25E-02	4.04E-03	6.25E-02	4.04E-03	-5.85E-02
COURSE GRID	393500.0	3741000.0	9.10E-03	0	9.10E-03	5.78E-02	-4.87E-02	4.17E-03	5.78E-02	4.17E-03	5.78E-02	4.17E-03	-5.36E-02
COURSE GRID	377000.0	3741500.0	9.15E-03	0	9.15E-03	5.62E-02	-4.71E-02	4.05E-03	5.62E-02	4.05E-03	5.62E-02	4.05E-03	-5.21E-02
COURSE GRID	377500.0	3741500.0	9.56E-03	0	9.56E-03	5.87E-02	-4.91E-02	4.30E-03	5.87E-02	4.30E-03	5.87E-02	4.30E-03	-5.44E-02
COURSE GRID	378000.0	3741500.0	9.15E-03	0	9.15E-03	5.75E-02	-4.83E-02	4.21E-03	5.75E-02	4.21E-03	5.75E-02	4.21E-03	-5.33E-02
COURSE GRID	378500.0	3741500.0	9.21E-03	0	9.21E-03	5.85E-02	-4.93E-02	4.14E-03	5.85E-02	4.14E-03	5.85E-02	4.14E-03	-5.44E-02
COURSE GRID	379000.0	3741500.0	9.35E-03	0	9.35E-03	6.37E-02	-5.43E-02	4.23E-03	6.37E-02	4.23E-03	6.37E-02	4.23E-03	-5.95E-02
COURSE GRID	379500.0	3741500.0	1.02E-02	0	1.02E-02	6.35E-02	-5.33E-02	4.65E-03	6.35E-02	4.65E-03	6.35E-02	4.65E-03	-5.88E-02
COURSE GRID	380000.0	3741500.0	1.06E-02	0	1.06E-02	6.47E-02	-5.41E-02	4.81E-03	6.47E-02	4.81E-03	6.47E-02	4.81E-03	-5.99E-02
COURSE GRID	380500.0	3741500.0	1.03E-02	0	1.03E-02	6.86E-02	-5.83E-02	4.61E-03	6.86E-02	4.61E-03	6.86E-02	4.61E-03	-6.40E-02
COURSE GRID	381000.0	3741500.0	1.02E-02	0	1.02E-02	7.12E-02	-6.10E-02	4.54E-03	7.12E-02	4.54E-03	7.12E-02	4.54E-03	-6.67E-02
COURSE GRID	381500.0	3741500.0	1.01E-02	0	1.01E-02	7.32E-02	-6.31E-02	4.50E-03	7.32E-02	4.50E-03	7.32E-02	4.50E-03	-6.87E-02
COURSE GRID	382000.0	3741500.0	1.01E-02	0	1.01E-02	7.46E-02	-6.45E-02	4.53E-03	7.46E-02	4.53E-03	7.46E-02	4.53E-03	-7.01E-02
COURSE GRID	382500.0	3741500.0	1.01E-02	0	1.01E-02	7.38E-02	-6.37E-02	4.49E-03	7.38E-02	4.49E-03	7.38E-02	4.49E-03	-6.93E-02
COURSE GRID	383000.0	3741500.0	1.05E-02	0	1.05E-02	7.64E-02	-6.59E-02	4.71E-03	7.64E-02	4.71E-03	7.64E-02	4.71E-03	-7.17E-02
COURSE GRID	383500.0	3741500.0	1.07E-02	0	1.07E-02	7.89E-02	-6.82E-02	4.84E-03	7.89E-02	4.84E-03	7.89E-02	4.84E-03	-7.41E-02
COURSE GRID	384000.0	3741500.0	1.10E-02	0	1.10E-02	8.30E-02	-7.20E-02	4.91E-03	8.30E-02	4.91E-03	8.30E-02	4.91E-03	-7.81E-02
COURSE GRID	384500.0	3741500.0	1.15E-02	0	1.15E-02	8.50E-02	-7.35E-02	5.17E-03	8.50E-02	5.17E-03	8.50E-02	5.17E-03	-7.98E-02
COURSE GRID	385000.0	3741500.0	1.28E-02	0	1.28E-02	8.79E-02	-7.51E-02	5.97E-03	8.79E-02	5.97E-03	8.79E-02	5.97E-03	-8.19E-02
COURSE GRID	385500.0	3741500.0	1.20E-02	0	1.20E-02	8.90E-02	-7.70E-02	5.74E-03	8.90E-02	5.74E-03	8.90E-02	5.74E-03	-8.33E-02
COURSE GRID	386000.0	3741500.0	1.08E-02	0	1.08E-02	9.33E-02	-8.25E-02	5.13E-03	9.33E-02	5.13E-03	9.33E-02	5.13E-03	-8.82E-02
COURSE GRID	386500.0	3741500.0	1.09E-02	0	1.09E-02	8.76E-02	-7.67E-02	5.06E-03	8.76E-02	5.06E-03	8.76E-02	5.06E-03	-8.25E-02
COURSE GRID	387000.0	3741500.0	1.10E-02	0	1.10E-02	8.95E-02	-7.85E-02	5.09E-03	8.95E-02	5.09E-03	8.95E-02	5.09E-03	-8.44E-02
COURSE GRID	387500.0	3741500.0	1.15E-02	0	1.15E-02	9.03E-02	-7.88E-02	5.40E-03	9.03E-02	5.40E-03	9.03E-02	5.40E-03	-8.49E-02

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION				PROPOSE PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE		
COURSE GRID	388000.0	3741500.0	1.20E-02	0	1.20E-02	9.40E-02	-8.20E-02	903	5.55E-03	5.55E-03	9.40E-02	-8.84E-02
COURSE GRID	388500.0	3741500.0	1.17E-02	0	1.17E-02	7.98E-02	-6.79E-02	904	5.33E-03	5.33E-03	7.96E-02	-7.43E-02
COURSE GRID	389000.0	3741500.0	1.19E-02	0	1.19E-02	8.32E-02	-7.13E-02	905	5.37E-03	5.37E-03	8.32E-02	-7.78E-02
COURSE GRID	389500.0	3741500.0	1.23E-02	0	1.23E-02	7.38E-02	-6.15E-02	906	5.49E-03	5.49E-03	7.38E-02	-6.83E-02
COURSE GRID	390000.0	3741500.0	1.19E-02	0	1.19E-02	7.34E-02	-6.15E-02	907	5.28E-03	5.28E-03	7.34E-02	-6.81E-02
COURSE GRID	390500.0	3741500.0	1.11E-02	0	1.11E-02	7.45E-02	-6.34E-02	908	4.87E-03	4.87E-03	7.45E-02	-6.96E-02
COURSE GRID	391000.0	3741500.0	1.04E-02	0	1.04E-02	7.72E-02	-6.68E-02	909	4.58E-03	4.58E-03	7.72E-02	-7.26E-02
COURSE GRID	391500.0	3741500.0	9.78E-03	0	9.78E-03	7.42E-02	-6.44E-02	910	4.40E-03	4.40E-03	7.42E-02	-6.98E-02
COURSE GRID	392000.0	3741500.0	9.28E-03	0	9.28E-03	6.78E-02	-5.85E-02	911	4.28E-03	4.28E-03	6.78E-02	-6.35E-02
COURSE GRID	392500.0	3741500.0	8.89E-03	0	8.89E-03	6.06E-02	-5.17E-02	912	4.08E-03	4.08E-03	6.06E-02	-5.65E-02
COURSE GRID	393000.0	3741500.0	8.67E-03	0	8.67E-03	5.95E-02	-5.08E-02	913	3.94E-03	3.94E-03	5.95E-02	-5.55E-02
COURSE GRID	393500.0	3741500.0	8.61E-03	0	8.61E-03	5.59E-02	-4.73E-02	914	3.91E-03	3.91E-03	5.59E-02	-5.20E-02
COURSE GRID	377000.0	3742000.0	9.23E-03	0	9.23E-03	5.27E-02	-4.35E-02	915	4.14E-03	4.14E-03	5.27E-02	-4.86E-02
COURSE GRID	377500.0	3742000.0	9.09E-03	0	9.09E-03	5.14E-02	-4.23E-02	916	4.16E-03	4.16E-03	5.14E-02	-4.72E-02
COURSE GRID	378000.0	3742000.0	8.81E-03	0	8.81E-03	5.77E-02	-4.89E-02	917	4.01E-03	4.01E-03	5.77E-02	-5.37E-02
COURSE GRID	378500.0	3742000.0	8.85E-03	0	8.85E-03	5.94E-02	-5.05E-02	918	3.96E-03	3.96E-03	5.94E-02	-5.54E-02
COURSE GRID	379000.0	3742000.0	9.36E-03	0	9.36E-03	6.11E-02	-5.17E-02	919	4.24E-03	4.24E-03	6.11E-02	-5.69E-02
COURSE GRID	379500.0	3742000.0	1.01E-02	0	1.01E-02	6.42E-02	-5.41E-02	920	4.55E-03	4.55E-03	6.42E-02	-5.96E-02
COURSE GRID	380000.0	3742000.0	1.02E-02	0	1.02E-02	6.15E-02	-5.13E-02	921	4.61E-03	4.61E-03	6.15E-02	-5.69E-02
COURSE GRID	380500.0	3742000.0	9.79E-03	0	9.79E-03	6.67E-02	-5.69E-02	922	4.37E-03	4.37E-03	6.67E-02	-6.23E-02
COURSE GRID	381000.0	3742000.0	9.81E-03	0	9.81E-03	6.75E-02	-5.77E-02	923	4.35E-03	4.35E-03	6.75E-02	-6.31E-02
COURSE GRID	381500.0	3742000.0	9.87E-03	0	9.87E-03	6.86E-02	-5.87E-02	924	4.39E-03	4.39E-03	6.86E-02	-6.42E-02
COURSE GRID	382000.0	3742000.0	9.71E-03	0	9.71E-03	6.84E-02	-5.87E-02	925	4.33E-03	4.33E-03	6.84E-02	-6.41E-02
COURSE GRID	382500.0	3742000.0	9.77E-03	0	9.77E-03	6.85E-02	-5.87E-02	926	4.33E-03	4.33E-03	6.85E-02	-6.42E-02
COURSE GRID	383000.0	3742000.0	1.02E-02	0	1.02E-02	7.15E-02	-6.13E-02	927	4.55E-03	4.55E-03	7.15E-02	-6.69E-02
COURSE GRID	383500.0	3742000.0	1.03E-02	0	1.03E-02	7.41E-02	-6.38E-02	928	4.64E-03	4.64E-03	7.41E-02	-6.95E-02
COURSE GRID	384000.0	3742000.0	1.06E-02	0	1.06E-02	7.28E-02	-6.22E-02	929	4.70E-03	4.70E-03	7.28E-02	-6.81E-02
COURSE GRID	384500.0	3742000.0	1.10E-02	0	1.10E-02	7.36E-02	-6.26E-02	930	4.89E-03	4.89E-03	7.36E-02	-6.87E-02
COURSE GRID	385000.0	3742000.0	1.23E-02	0	1.23E-02	7.87E-02	-6.64E-02	931	5.72E-03	5.72E-03	7.87E-02	-7.30E-02
COURSE GRID	385500.0	3742000.0	1.18E-02	0	1.18E-02	8.30E-02	-7.12E-02	932	5.63E-03	5.63E-03	8.30E-02	-7.74E-02
COURSE GRID	386000.0	3742000.0	1.05E-02	0	1.05E-02	8.33E-02	-7.28E-02	933	5.09E-03	5.09E-03	8.33E-02	-7.82E-02
COURSE GRID	386500.0	3742000.0	1.05E-02	0	1.05E-02	8.28E-02	-7.23E-02	934	4.89E-03	4.89E-03	8.28E-02	-7.79E-02
COURSE GRID	387000.0	3742000.0	1.05E-02	0	1.05E-02	7.93E-02	-6.88E-02	935	4.86E-03	4.86E-03	7.93E-02	-7.44E-02
COURSE GRID	387500.0	3742000.0	1.09E-02	0	1.09E-02	8.25E-02	-7.16E-02	936	5.08E-03	5.08E-03	8.25E-02	-7.74E-02
COURSE GRID	388000.0	3742000.0	1.14E-02	0	1.14E-02	8.23E-02	-7.09E-02	937	5.31E-03	5.31E-03	8.23E-02	-7.70E-02
COURSE GRID	388500.0	3742000.0	1.14E-02	0	1.14E-02	8.03E-02	-6.89E-02	938	5.23E-03	5.23E-03	8.03E-02	-7.51E-02
COURSE GRID	389000.0	3742000.0	1.14E-02	0	1.14E-02	7.85E-02	-6.71E-02	939	5.16E-03	5.16E-03	7.85E-02	-7.33E-02
COURSE GRID	389500.0	3742000.0	1.18E-02	0	1.18E-02	7.63E-02	-6.45E-02	940	5.20E-03	5.20E-03	7.63E-02	-7.11E-02
COURSE GRID	390000.0	3742000.0	1.19E-02	0	1.19E-02	6.67E-02	-5.48E-02	941	5.24E-03	5.24E-03	6.67E-02	-6.15E-02
COURSE GRID	390500.0	3742000.0	1.11E-02	0	1.11E-02	7.40E-02	-6.29E-02	942	4.95E-03	4.95E-03	7.40E-02	-6.90E-02
COURSE GRID	391000.0	3742000.0	1.03E-02	0	1.03E-02	7.21E-02	-6.18E-02	943	4.54E-03	4.54E-03	7.21E-02	-6.76E-02

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	PROPOSE PROJECT - NO MITIGATION			PROPOSE PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	391500.0	3742000.0	9.79E-03	0	9.79E-03	7.08E-02	-6.10E-02	944	4.35E-03	4.35E-03	7.08E-02	-6.64E-02
COURSE GRID	392000.0	3742000.0	9.26E-03	0	9.26E-03	6.56E-02	-5.63E-02	945	4.21E-03	4.21E-03	6.56E-02	-6.14E-02
COURSE GRID	392500.0	3742000.0	8.86E-03	0	8.86E-03	5.98E-02	-5.09E-02	946	4.10E-03	4.10E-03	5.98E-02	-5.57E-02
COURSE GRID	393000.0	3742000.0	8.58E-03	0	8.58E-03	5.71E-02	-4.85E-02	947	3.94E-03	3.94E-03	5.71E-02	-5.32E-02
COURSE GRID	393500.0	3742000.0	8.39E-03	0	8.39E-03	5.50E-02	-4.66E-02	948	3.80E-03	3.80E-03	5.50E-02	-5.12E-02

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION				REDUCED PROJECT - WITH MITIGATION								
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE					
			IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE					
COURSE GRID	377000.0	3728500.0	4.94E-06	0	4.94E-06	2.78E-06	1.96E-06	0	1.96E-06	2.78E-06	1.96E-06	0	1.96E-06	2.78E-06	-8.16E-07
COURSE GRID	377500.0	3728500.0	5.05E-06	0	5.05E-06	2.82E-06	2.03E-06	0	2.03E-06	2.82E-06	2.03E-06	0	2.03E-06	2.82E-06	-7.82E-07
COURSE GRID	378000.0	3728500.0	5.18E-06	0	5.18E-06	2.84E-06	2.12E-06	0	2.12E-06	2.84E-06	2.12E-06	0	2.12E-06	2.84E-06	-7.22E-07
COURSE GRID	378500.0	3728500.0	5.33E-06	0	5.33E-06	2.91E-06	2.22E-06	0	2.22E-06	2.91E-06	2.22E-06	0	2.22E-06	2.91E-06	-6.97E-07
COURSE GRID	379000.0	3728500.0	5.50E-06	0	5.50E-06	3.03E-06	2.31E-06	0	2.31E-06	3.03E-06	2.31E-06	0	2.31E-06	3.03E-06	-7.19E-07
COURSE GRID	379500.0	3728500.0	5.69E-06	0	5.69E-06	3.14E-06	2.43E-06	0	2.43E-06	3.14E-06	2.43E-06	0	2.43E-06	3.14E-06	-7.18E-07
COURSE GRID	380000.0	3728500.0	5.91E-06	0	5.91E-06	3.19E-06	2.55E-06	0	2.55E-06	3.19E-06	2.55E-06	0	2.55E-06	3.19E-06	-6.36E-07
COURSE GRID	380500.0	3728500.0	6.09E-06	0	6.09E-06	3.28E-06	2.68E-06	0	2.68E-06	3.28E-06	2.68E-06	0	2.68E-06	3.28E-06	-6.01E-07
COURSE GRID	381000.0	3728500.0	6.23E-06	0	6.23E-06	3.44E-06	2.82E-06	0	2.82E-06	3.44E-06	2.82E-06	0	2.82E-06	3.44E-06	-6.27E-07
COURSE GRID	381500.0	3728500.0	6.42E-06	0	6.42E-06	3.62E-06	2.96E-06	0	2.96E-06	3.62E-06	2.96E-06	0	2.96E-06	3.62E-06	-6.65E-07
COURSE GRID	382000.0	3728500.0	6.85E-06	0	6.85E-06	3.76E-06	3.17E-06	0	3.17E-06	3.76E-06	3.17E-06	0	3.17E-06	3.76E-06	-5.88E-07
COURSE GRID	382500.0	3728500.0	7.41E-06	0	7.41E-06	4.06E-06	3.48E-06	0	3.48E-06	4.06E-06	3.48E-06	0	3.48E-06	4.06E-06	-5.74E-07
COURSE GRID	383000.0	3728500.0	8.28E-06	0	8.28E-06	4.62E-06	4.03E-06	0	4.03E-06	4.62E-06	4.03E-06	0	4.03E-06	4.62E-06	-5.86E-07
COURSE GRID	383500.0	3728500.0	9.62E-06	0	9.62E-06	5.44E-06	4.79E-06	0	4.79E-06	5.44E-06	4.79E-06	0	4.79E-06	5.44E-06	-6.48E-07
COURSE GRID	384000.0	3728500.0	1.15E-05	0	1.15E-05	6.10E-06	5.73E-06	0	5.73E-06	6.10E-06	5.73E-06	0	5.73E-06	6.10E-06	-3.64E-07
COURSE GRID	384500.0	3728500.0	1.36E-05	0	1.36E-05	6.89E-06	6.80E-06	0	6.80E-06	6.89E-06	6.80E-06	0	6.80E-06	6.89E-06	-8.92E-08
COURSE GRID	385000.0	3728500.0	1.57E-05	0	1.57E-05	7.60E-06	7.69E-06	0	7.69E-06	7.60E-06	7.69E-06	0	7.69E-06	7.60E-06	8.75E-08
COURSE GRID	385500.0	3728500.0	1.56E-05	0	1.56E-05	7.34E-06	7.49E-06	0	7.49E-06	7.34E-06	7.49E-06	0	7.49E-06	7.34E-06	1.52E-07
COURSE GRID	386000.0	3728500.0	1.33E-05	0	1.33E-05	7.01E-06	6.21E-06	0	6.21E-06	7.01E-06	6.21E-06	0	6.21E-06	7.01E-06	-8.04E-07
COURSE GRID	386500.0	3728500.0	1.16E-05	0	1.16E-05	6.65E-06	5.27E-06	0	5.27E-06	6.65E-06	5.27E-06	0	5.27E-06	6.65E-06	-1.38E-06
COURSE GRID	387000.0	3728500.0	1.06E-05	0	1.06E-05	6.41E-06	4.78E-06	0	4.78E-06	6.41E-06	4.78E-06	0	4.78E-06	6.41E-06	-1.63E-06
COURSE GRID	387500.0	3728500.0	1.00E-05	0	1.00E-05	6.30E-06	4.55E-06	0	4.55E-06	6.30E-06	4.55E-06	0	4.55E-06	6.30E-06	-1.75E-06
COURSE GRID	388000.0	3728500.0	9.69E-06	0	9.69E-06	6.23E-06	4.42E-06	0	4.42E-06	6.23E-06	4.42E-06	0	4.42E-06	6.23E-06	-1.81E-06
COURSE GRID	388500.0	3728500.0	9.45E-06	0	9.45E-06	6.23E-06	4.31E-06	0	4.31E-06	6.23E-06	4.31E-06	0	4.31E-06	6.23E-06	-1.92E-06
COURSE GRID	389000.0	3728500.0	9.23E-06	0	9.23E-06	6.25E-06	4.20E-06	0	4.20E-06	6.25E-06	4.20E-06	0	4.20E-06	6.25E-06	-2.06E-06
COURSE GRID	389500.0	3728500.0	9.09E-06	0	9.09E-06	6.42E-06	4.11E-06	0	4.11E-06	6.42E-06	4.11E-06	0	4.11E-06	6.42E-06	-2.31E-06
COURSE GRID	390000.0	3728500.0	8.83E-06	0	8.83E-06	6.28E-06	3.99E-06	0	3.99E-06	6.28E-06	3.99E-06	0	3.99E-06	6.28E-06	-2.28E-06
COURSE GRID	390500.0	3728500.0	8.78E-06	0	8.78E-06	6.39E-06	3.94E-06	0	3.94E-06	6.39E-06	3.94E-06	0	3.94E-06	6.39E-06	-2.45E-06
COURSE GRID	391000.0	3728500.0	8.54E-06	0	8.54E-06	6.38E-06	3.84E-06	0	3.84E-06	6.38E-06	3.84E-06	0	3.84E-06	6.38E-06	-2.55E-06
COURSE GRID	391500.0	3728500.0	8.20E-06	0	8.20E-06	6.26E-06	3.69E-06	0	3.69E-06	6.26E-06	3.69E-06	0	3.69E-06	6.26E-06	-2.57E-06
COURSE GRID	392000.0	3728500.0	7.81E-06	0	7.81E-06	5.95E-06	3.49E-06	0	3.49E-06	5.95E-06	3.49E-06	0	3.49E-06	5.95E-06	-2.45E-06
COURSE GRID	392500.0	3728500.0	7.38E-06	0	7.38E-06	5.56E-06	3.26E-06	0	3.26E-06	5.56E-06	3.26E-06	0	3.26E-06	5.56E-06	-2.30E-06
COURSE GRID	393000.0	3728500.0	6.97E-06	0	6.97E-06	5.21E-06	3.04E-06	0	3.04E-06	5.21E-06	3.04E-06	0	3.04E-06	5.21E-06	-2.17E-06
COURSE GRID	393500.0	3728500.0	6.62E-06	0	6.62E-06	4.97E-06	2.86E-06	0	2.86E-06	4.97E-06	2.86E-06	0	2.86E-06	4.97E-06	-2.12E-06
COURSE GRID	377000.0	3729000.0	4.89E-06	0	4.89E-06	2.79E-06	1.99E-06	0	1.99E-06	2.79E-06	1.99E-06	0	1.99E-06	2.79E-06	-8.01E-07
COURSE GRID	377500.0	3729000.0	5.04E-06	0	5.04E-06	2.87E-06	2.07E-06	0	2.07E-06	2.87E-06	2.07E-06	0	2.07E-06	2.87E-06	-8.00E-07
COURSE GRID	378000.0	3729000.0	5.21E-06	0	5.21E-06	2.93E-06	2.16E-06	0	2.16E-06	2.93E-06	2.16E-06	0	2.16E-06	2.93E-06	-7.76E-07
COURSE GRID	378500.0	3729000.0	5.39E-06	0	5.39E-06	2.97E-06	2.26E-06	0	2.26E-06	2.97E-06	2.26E-06	0	2.26E-06	2.97E-06	-7.09E-07
COURSE GRID	379000.0	3729000.0	5.61E-06	0	5.61E-06	3.09E-06	2.40E-06	0	2.40E-06	3.09E-06	2.40E-06	0	2.40E-06	3.09E-06	-6.94E-07
COURSE GRID	379500.0	3729000.0	5.82E-06	0	5.82E-06	3.25E-06	2.54E-06	0	2.54E-06	3.25E-06	2.54E-06	0	2.54E-06	3.25E-06	-7.14E-07

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION							
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	380000.0	3729000.0	6.09E-06	0	6.09E-06	3.35E-06	2.74E-06	2.69E-06	0	2.69E-06	3.35E-06	3.35E-06	-6.60E-07
COURSE GRID	380500.0	3729000.0	6.39E-06	0	6.39E-06	3.46E-06	2.93E-06	2.87E-06	0	2.87E-06	3.46E-06	3.46E-06	-5.90E-07
COURSE GRID	381000.0	3729000.0	6.66E-06	0	6.66E-06	3.62E-06	3.03E-06	3.07E-06	0	3.07E-06	3.62E-06	3.62E-06	-5.55E-07
COURSE GRID	381500.0	3729000.0	6.88E-06	0	6.88E-06	3.89E-06	2.99E-06	3.30E-06	0	3.30E-06	3.89E-06	3.89E-06	-5.99E-07
COURSE GRID	382000.0	3729000.0	7.29E-06	0	7.29E-06	4.07E-06	3.22E-06	3.56E-06	0	3.56E-06	4.07E-06	4.07E-06	-5.08E-07
COURSE GRID	382500.0	3729000.0	8.05E-06	0	8.05E-06	4.48E-06	3.57E-06	4.00E-06	0	4.00E-06	4.48E-06	4.48E-06	-4.74E-07
COURSE GRID	383000.0	3729000.0	9.20E-06	0	9.20E-06	5.23E-06	3.97E-06	4.74E-06	0	4.74E-06	5.23E-06	5.23E-06	-4.84E-07
COURSE GRID	383500.0	3729000.0	1.09E-05	0	1.09E-05	6.31E-06	4.61E-06	5.76E-06	0	5.76E-06	6.31E-06	6.31E-06	-5.48E-07
COURSE GRID	384000.0	3729000.0	1.34E-05	0	1.34E-05	7.18E-06	6.21E-06	7.13E-06	0	7.13E-06	7.18E-06	7.18E-06	-4.86E-08
COURSE GRID	384500.0	3729000.0	1.62E-05	0	1.62E-05	8.05E-06	8.14E-06	8.53E-06	0	8.53E-06	8.05E-06	8.05E-06	4.80E-07
COURSE GRID	385000.0	3729000.0	1.62E-05	0	1.62E-05	8.10E-06	8.10E-06	8.39E-06	0	8.39E-06	8.10E-06	8.10E-06	2.86E-07
COURSE GRID	385500.0	3729000.0	1.49E-05	0	1.49E-05	7.56E-06	7.37E-06	7.37E-06	0	7.37E-06	7.56E-06	7.56E-06	-1.90E-07
COURSE GRID	386000.0	3729000.0	1.25E-05	0	1.25E-05	7.17E-06	5.32E-06	5.87E-06	0	5.87E-06	7.17E-06	7.17E-06	-1.30E-06
COURSE GRID	386500.0	3729000.0	1.14E-05	0	1.14E-05	6.94E-06	4.44E-06	4.47E-06	0	4.47E-06	6.50E-06	6.50E-06	-2.03E-06
COURSE GRID	387000.0	3729000.0	1.08E-05	0	1.08E-05	6.83E-06	3.96E-06	4.31E-06	0	4.31E-06	6.94E-06	6.94E-06	-1.63E-06
COURSE GRID	387500.0	3729000.0	1.04E-05	0	1.04E-05	6.64E-06	3.73E-06	4.17E-06	0	4.17E-06	6.83E-06	6.83E-06	-1.75E-06
COURSE GRID	388000.0	3729000.0	1.00E-05	0	1.00E-05	6.55E-06	3.48E-06	4.65E-06	0	4.65E-06	6.64E-06	6.64E-06	-1.79E-06
COURSE GRID	388500.0	3729000.0	9.69E-06	0	9.69E-06	6.50E-06	3.19E-06	4.47E-06	0	4.47E-06	6.55E-06	6.55E-06	-1.90E-06
COURSE GRID	389000.0	3729000.0	9.38E-06	0	9.38E-06	6.54E-06	2.84E-06	4.31E-06	0	4.31E-06	6.50E-06	6.50E-06	-2.03E-06
COURSE GRID	389500.0	3729000.0	9.13E-06	0	9.13E-06	6.45E-06	2.68E-06	4.17E-06	0	4.17E-06	6.45E-06	6.45E-06	-2.28E-06
COURSE GRID	390000.0	3729000.0	8.85E-06	0	8.85E-06	6.28E-06	2.57E-06	4.05E-06	0	4.05E-06	6.28E-06	6.28E-06	-2.23E-06
COURSE GRID	390500.0	3729000.0	8.83E-06	0	8.83E-06	6.61E-06	2.22E-06	4.04E-06	0	4.04E-06	6.61E-06	6.61E-06	-2.57E-06
COURSE GRID	391000.0	3729000.0	8.61E-06	0	8.61E-06	6.63E-06	1.98E-06	3.96E-06	0	3.96E-06	6.63E-06	6.63E-06	-2.67E-06
COURSE GRID	391500.0	3729000.0	8.26E-06	0	8.26E-06	6.37E-06	1.89E-06	3.80E-06	0	3.80E-06	6.37E-06	6.37E-06	-2.57E-06
COURSE GRID	392000.0	3729000.0	7.83E-06	0	7.83E-06	5.99E-06	1.84E-06	3.58E-06	0	3.58E-06	5.99E-06	5.99E-06	-2.42E-06
COURSE GRID	392500.0	3729000.0	7.39E-06	0	7.39E-06	5.60E-06	1.79E-06	3.32E-06	0	3.32E-06	5.60E-06	5.60E-06	-2.28E-06
COURSE GRID	393000.0	3729000.0	6.99E-06	0	6.99E-06	5.27E-06	1.72E-06	3.10E-06	0	3.10E-06	5.27E-06	5.27E-06	-2.17E-06
COURSE GRID	393500.0	3729000.0	6.67E-06	0	6.67E-06	4.99E-06	1.68E-06	2.92E-06	0	2.92E-06	4.99E-06	4.99E-06	-2.07E-06
COURSE GRID	377000.0	3729500.0	4.91E-06	0	4.91E-06	2.89E-06	2.02E-06	2.01E-06	0	2.01E-06	2.89E-06	2.89E-06	-8.81E-07
COURSE GRID	377500.0	3729500.0	5.05E-06	0	5.05E-06	2.91E-06	2.14E-06	2.10E-06	0	2.10E-06	2.91E-06	2.91E-06	-8.05E-07
COURSE GRID	378000.0	3729500.0	5.23E-06	0	5.23E-06	3.01E-06	2.22E-06	2.21E-06	0	2.21E-06	3.01E-06	3.01E-06	-7.96E-07
COURSE GRID	378500.0	3729500.0	5.43E-06	0	5.43E-06	3.10E-06	2.34E-06	2.33E-06	0	2.33E-06	3.10E-06	3.10E-06	-7.72E-07
COURSE GRID	379000.0	3729500.0	5.69E-06	0	5.69E-06	3.18E-06	2.51E-06	2.47E-06	0	2.47E-06	3.18E-06	3.18E-06	-7.10E-07
COURSE GRID	379500.0	3729500.0	5.98E-06	0	5.98E-06	3.35E-06	2.63E-06	2.64E-06	0	2.64E-06	3.35E-06	3.35E-06	-7.09E-07
COURSE GRID	380000.0	3729500.0	6.31E-06	0	6.31E-06	3.56E-06	2.74E-06	2.85E-06	0	2.85E-06	3.56E-06	3.56E-06	-7.16E-07
COURSE GRID	380500.0	3729500.0	6.67E-06	0	6.67E-06	3.70E-06	2.98E-06	3.09E-06	0	3.09E-06	3.70E-06	3.70E-06	-6.09E-07
COURSE GRID	381000.0	3729500.0	7.09E-06	0	7.09E-06	3.89E-06	3.20E-06	3.36E-06	0	3.36E-06	3.89E-06	3.89E-06	-5.37E-07
COURSE GRID	381500.0	3729500.0	7.54E-06	0	7.54E-06	4.23E-06	3.32E-06	3.71E-06	0	3.71E-06	4.23E-06	4.23E-06	-5.18E-07
COURSE GRID	382000.0	3729500.0	7.98E-06	0	7.98E-06	4.54E-06	3.44E-06	4.13E-06	0	4.13E-06	4.54E-06	4.54E-06	-4.11E-07
COURSE GRID	382500.0	3729500.0	8.95E-06	0	8.95E-06	5.12E-06	3.83E-06	4.78E-06	0	4.78E-06	5.12E-06	5.12E-06	-3.36E-07

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION				REDUCED PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE			
			IMPACT	BASELINE	IMPACT	IMPACT	IMPACT	BASELINE	IMPACT	IMPACT			
COURSE GRID	383000.0	3729500.0	1.07E-05	0	1.07E-05	6.24E-06	4.42E-06	5.96E-06	0	5.96E-06	6.24E-06	4.42E-06	-2.84E-07
COURSE GRID	383500.0	3729500.0	1.30E-05	0	1.30E-05	7.77E-06	5.27E-06	7.47E-06	0	7.47E-06	7.77E-06	5.27E-06	-3.00E-07
COURSE GRID	384000.0	3729500.0	1.66E-05	0	1.66E-05	8.81E-06	7.80E-06	9.57E-06	0	9.57E-06	8.81E-06	7.80E-06	7.57E-07
COURSE GRID	384500.0	3729500.0	1.98E-05	0	1.98E-05	9.56E-06	1.03E-05	1.12E-05	0	1.12E-05	9.56E-06	1.03E-05	1.68E-07
COURSE GRID	385000.0	3729500.0	1.64E-05	0	1.64E-05	8.57E-06	7.84E-06	8.97E-06	0	8.97E-06	8.57E-06	7.84E-06	4.03E-07
COURSE GRID	385500.0	3729500.0	1.39E-05	0	1.39E-05	7.82E-06	6.06E-06	6.92E-06	0	6.92E-06	7.82E-06	6.06E-06	-9.06E-07
COURSE GRID	386000.0	3729500.0	1.27E-05	0	1.27E-05	7.75E-06	4.94E-06	6.27E-06	0	6.27E-06	7.75E-06	4.94E-06	-1.48E-06
COURSE GRID	386500.0	3729500.0	1.19E-05	0	1.19E-05	7.56E-06	4.38E-06	5.90E-06	0	5.90E-06	7.56E-06	4.38E-06	-1.66E-06
COURSE GRID	387000.0	3729500.0	1.13E-05	0	1.13E-05	7.29E-06	4.04E-06	5.48E-06	0	5.48E-06	7.29E-06	4.04E-06	-1.81E-06
COURSE GRID	387500.0	3729500.0	1.07E-05	0	1.07E-05	7.02E-06	3.73E-06	5.07E-06	0	5.07E-06	7.02E-06	3.73E-06	-1.95E-06
COURSE GRID	388000.0	3729500.0	1.02E-05	0	1.02E-05	6.81E-06	3.39E-06	4.75E-06	0	4.75E-06	6.81E-06	3.39E-06	-2.06E-06
COURSE GRID	388500.0	3729500.0	9.80E-06	0	9.80E-06	6.80E-06	2.99E-06	4.54E-06	0	4.54E-06	6.80E-06	2.99E-06	-2.27E-06
COURSE GRID	389000.0	3729500.0	9.44E-06	0	9.44E-06	6.63E-06	2.81E-06	4.39E-06	0	4.39E-06	6.63E-06	2.81E-06	-2.24E-06
COURSE GRID	389500.0	3729500.0	9.18E-06	0	9.18E-06	6.47E-06	2.71E-06	4.30E-06	0	4.30E-06	6.47E-06	2.71E-06	-2.17E-06
COURSE GRID	390000.0	3729500.0	9.02E-06	0	9.02E-06	6.60E-06	2.42E-06	4.26E-06	0	4.26E-06	6.60E-06	2.42E-06	-2.35E-06
COURSE GRID	390500.0	3729500.0	9.06E-06	0	9.06E-06	6.97E-06	2.09E-06	4.29E-06	0	4.29E-06	6.97E-06	2.09E-06	-2.68E-06
COURSE GRID	391000.0	3729500.0	8.82E-06	0	8.82E-06	6.86E-06	1.96E-06	4.20E-06	0	4.20E-06	6.86E-06	1.96E-06	-2.66E-06
COURSE GRID	391500.0	3729500.0	8.42E-06	0	8.42E-06	6.55E-06	1.87E-06	3.98E-06	0	3.98E-06	6.55E-06	1.87E-06	-2.57E-06
COURSE GRID	392000.0	3729500.0	7.92E-06	0	7.92E-06	6.08E-06	1.84E-06	3.68E-06	0	3.68E-06	6.08E-06	1.84E-06	-2.41E-06
COURSE GRID	392500.0	3729500.0	7.47E-06	0	7.47E-06	5.63E-06	1.84E-06	3.39E-06	0	3.39E-06	5.63E-06	1.84E-06	-2.24E-06
COURSE GRID	393000.0	3729500.0	7.10E-06	0	7.10E-06	5.29E-06	1.81E-06	3.17E-06	0	3.17E-06	5.29E-06	1.81E-06	-2.12E-06
COURSE GRID	393500.0	3729500.0	6.79E-06	0	6.79E-06	5.06E-06	1.72E-06	2.99E-06	0	2.99E-06	5.06E-06	1.72E-06	-2.07E-06
COURSE GRID	377000.0	3730000.0	4.92E-06	0	4.92E-06	3.00E-06	1.93E-06	2.05E-06	0	2.05E-06	3.00E-06	1.93E-06	-9.45E-07
COURSE GRID	377500.0	3730000.0	5.10E-06	0	5.10E-06	3.06E-06	2.04E-06	2.15E-06	0	2.15E-06	3.06E-06	2.04E-06	-9.09E-07
COURSE GRID	378000.0	3730000.0	5.28E-06	0	5.28E-06	3.09E-06	2.19E-06	2.27E-06	0	2.27E-06	3.09E-06	2.19E-06	-8.27E-07
COURSE GRID	378500.0	3730000.0	5.52E-06	0	5.52E-06	3.23E-06	2.30E-06	2.41E-06	0	2.41E-06	3.23E-06	2.30E-06	-8.17E-07
COURSE GRID	379000.0	3730000.0	5.78E-06	0	5.78E-06	3.34E-06	2.44E-06	2.57E-06	0	2.57E-06	3.34E-06	2.44E-06	-7.77E-07
COURSE GRID	379500.0	3730000.0	6.12E-06	0	6.12E-06	3.48E-06	2.64E-06	2.77E-06	0	2.77E-06	3.48E-06	2.64E-06	-7.09E-07
COURSE GRID	380000.0	3730000.0	6.54E-06	0	6.54E-06	3.75E-06	2.78E-06	3.03E-06	0	3.03E-06	3.75E-06	2.78E-06	-7.26E-07
COURSE GRID	380500.0	3730000.0	7.03E-06	0	7.03E-06	4.04E-06	2.99E-06	3.34E-06	0	3.34E-06	4.04E-06	2.99E-06	-7.02E-07
COURSE GRID	381000.0	3730000.0	7.56E-06	0	7.56E-06	4.27E-06	3.29E-06	3.71E-06	0	3.71E-06	4.27E-06	3.29E-06	-5.56E-07
COURSE GRID	381500.0	3730000.0	8.24E-06	0	8.24E-06	4.69E-06	3.56E-06	4.20E-06	0	4.20E-06	4.69E-06	3.56E-06	-4.86E-07
COURSE GRID	382000.0	3730000.0	9.10E-06	0	9.10E-06	5.27E-06	3.83E-06	4.92E-06	0	4.92E-06	5.27E-06	3.83E-06	-3.50E-07
COURSE GRID	382500.0	3730000.0	1.03E-05	0	1.03E-05	6.13E-06	4.19E-06	6.00E-06	0	6.00E-06	6.13E-06	4.19E-06	-1.36E-07
COURSE GRID	383000.0	3730000.0	1.30E-05	0	1.30E-05	8.06E-06	4.98E-06	8.08E-06	0	8.08E-06	8.06E-06	4.98E-06	1.60E-08
COURSE GRID	383500.0	3730000.0	1.70E-05	0	1.70E-05	1.05E-05	6.59E-06	1.10E-05	0	1.10E-05	1.05E-05	6.59E-06	4.99E-07
COURSE GRID	384000.0	3730000.0	2.22E-05	0	2.22E-05	1.13E-05	1.09E-05	1.43E-05	0	1.43E-05	1.13E-05	1.09E-05	3.01E-06
COURSE GRID	384500.0	3730000.0	2.30E-05	0	2.30E-05	1.15E-05	1.16E-05	1.51E-05	0	1.51E-05	1.15E-05	1.16E-05	3.60E-06
COURSE GRID	385000.0	3730000.0	1.69E-05	0	1.69E-05	9.21E-06	7.67E-06	9.53E-06	0	9.53E-06	9.21E-06	7.67E-06	3.16E-07
COURSE GRID	385500.0	3730000.0	1.53E-05	0	1.53E-05	9.14E-06	6.18E-06	8.38E-06	0	8.38E-06	9.14E-06	6.18E-06	-7.57E-07

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION				REDUCED PROJECT - WITH MITIGATION			
			TOTAL	CEQA	NEPA	NEPA	TOTAL	CEQA	NEPA	NEPA
			IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE
COURSE GRID	386000.0	3730000.0	1.39E-05	0	8.72E-06	5.17E-06	7.28E-06	0	8.72E-06	-1.44E-06
COURSE GRID	386500.0	3730000.0	1.27E-05	0	8.19E-06	4.49E-06	6.36E-06	0	8.19E-06	-1.83E-06
COURSE GRID	387000.0	3730000.0	1.18E-05	0	7.71E-06	4.08E-06	5.72E-06	0	7.71E-06	-1.99E-06
COURSE GRID	387500.0	3730000.0	1.11E-05	0	7.37E-06	3.69E-06	5.29E-06	0	7.37E-06	-2.07E-06
COURSE GRID	388000.0	3730000.0	1.05E-05	0	7.27E-06	3.24E-06	5.02E-06	0	7.27E-06	-2.25E-06
COURSE GRID	388500.0	3730000.0	1.01E-05	0	7.04E-06	3.03E-06	4.83E-06	0	7.04E-06	-2.21E-06
COURSE GRID	389000.0	3730000.0	9.74E-06	0	6.76E-06	2.98E-06	4.70E-06	0	6.76E-06	-2.06E-06
COURSE GRID	389500.0	3730000.0	9.55E-06	0	6.90E-06	2.65E-06	4.64E-06	0	6.90E-06	-2.26E-06
COURSE GRID	390000.0	3730000.0	9.47E-06	0	7.10E-06	2.37E-06	4.63E-06	0	7.10E-06	-2.47E-06
COURSE GRID	390500.0	3730000.0	9.45E-06	0	7.35E-06	2.10E-06	4.64E-06	0	7.35E-06	-2.71E-06
COURSE GRID	391000.0	3730000.0	9.16E-06	0	7.24E-06	1.92E-06	4.49E-06	0	7.24E-06	-2.75E-06
COURSE GRID	391500.0	3730000.0	8.62E-06	0	6.70E-06	1.92E-06	4.13E-06	0	6.70E-06	-2.57E-06
COURSE GRID	392000.0	3730000.0	8.04E-06	0	6.07E-06	1.97E-06	3.74E-06	0	6.07E-06	-2.33E-06
COURSE GRID	392500.0	3730000.0	7.59E-06	0	5.65E-06	1.94E-06	3.44E-06	0	5.65E-06	-2.21E-06
COURSE GRID	393000.0	3730000.0	7.23E-06	0	5.41E-06	1.82E-06	3.24E-06	0	5.41E-06	-2.17E-06
COURSE GRID	393500.0	3730000.0	6.96E-06	0	5.30E-06	1.66E-06	3.08E-06	0	5.30E-06	-2.22E-06
COURSE GRID	377000.0	3730500.0	4.94E-06	0	2.92E-06	2.02E-06	2.08E-06	0	2.92E-06	-8.36E-07
COURSE GRID	377500.0	3730500.0	5.17E-06	0	3.15E-06	2.02E-06	2.21E-06	0	3.15E-06	-9.37E-07
COURSE GRID	378000.0	3730500.0	5.40E-06	0	3.32E-06	2.09E-06	2.36E-06	0	3.32E-06	-9.58E-07
COURSE GRID	378500.0	3730500.0	5.63E-06	0	3.36E-06	2.27E-06	2.51E-06	0	3.36E-06	-8.44E-07
COURSE GRID	379000.0	3730500.0	5.95E-06	0	3.54E-06	2.40E-06	2.70E-06	0	3.54E-06	-8.37E-07
COURSE GRID	379500.0	3730500.0	6.31E-06	0	3.72E-06	2.59E-06	2.94E-06	0	3.72E-06	-7.75E-07
COURSE GRID	380000.0	3730500.0	6.18E-06	0	3.48E-06	2.70E-06	2.82E-06	0	3.48E-06	-6.54E-07
COURSE GRID	380500.0	3730500.0	6.58E-06	0	3.77E-06	2.81E-06	3.04E-06	0	3.77E-06	-7.33E-07
COURSE GRID	381000.0	3730500.0	8.16E-06	0	4.83E-06	3.33E-06	4.17E-06	0	4.83E-06	-6.63E-07
COURSE GRID	381500.0	3730500.0	9.09E-06	0	5.40E-06	3.69E-06	4.87E-06	0	5.40E-06	-5.27E-07
COURSE GRID	382000.0	3730500.0	1.05E-05	0	6.39E-06	4.13E-06	5.99E-06	0	6.39E-06	-3.91E-07
COURSE GRID	382500.0	3730500.0	1.29E-05	0	8.07E-06	4.84E-06	8.13E-06	0	8.13E-06	6.12E-07
COURSE GRID	383000.0	3730500.0	1.76E-05	0	1.18E-05	5.74E-06	1.23E-05	0	1.18E-05	4.33E-07
COURSE GRID	383500.0	3730500.0	2.54E-05	0	1.54E-05	9.97E-06	1.87E-05	0	1.87E-05	3.30E-06
COURSE GRID	384000.0	3730500.0	2.85E-05	0	1.41E-05	1.44E-05	2.06E-05	0	2.06E-05	6.56E-06
COURSE GRID	384500.0	3730500.0	2.51E-05	0	1.33E-05	1.17E-05	1.77E-05	0	1.77E-05	4.33E-06
COURSE GRID	385000.0	3730500.0	2.24E-05	0	1.22E-05	1.02E-05	1.48E-05	0	1.48E-05	2.57E-06
COURSE GRID	385500.0	3730500.0	1.80E-05	0	1.08E-05	7.22E-06	1.06E-05	0	1.06E-05	-2.23E-07
COURSE GRID	386000.0	3730500.0	1.54E-05	0	9.74E-06	5.69E-06	8.41E-06	0	9.74E-06	-1.33E-06
COURSE GRID	386500.0	3730500.0	1.37E-05	0	8.94E-06	4.74E-06	7.15E-06	0	8.94E-06	-1.79E-06
COURSE GRID	387000.0	3730500.0	1.25E-05	0	8.36E-06	4.15E-06	6.33E-06	0	8.36E-06	-2.04E-06
COURSE GRID	387500.0	3730500.0	1.16E-05	0	8.04E-06	3.57E-06	5.76E-06	0	8.04E-06	-2.28E-06
COURSE GRID	388000.0	3730500.0	1.10E-05	0	7.66E-06	3.32E-06	5.42E-06	0	7.66E-06	-2.24E-06
COURSE GRID	388500.0	3730500.0	1.05E-05	0	7.25E-06	3.29E-06	5.20E-06	0	7.25E-06	-2.06E-06

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION				REDUCED PROJECT - WITH MITIGATION			
			TOTAL	CEQA	NEPA	NEPA	TOTAL	CEQA	NEPA	NEPA
			IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE
COURSE GRID	389000.0	3730500.0	1.02E-05	0	7.29E-06	2.95E-06	5.06E-06	0	7.29E-06	-2.23E-06
COURSE GRID	389500.0	3730500.0	1.00E-05	0	7.34E-06	2.70E-06	5.00E-06	0	7.34E-06	-2.34E-06
COURSE GRID	390000.0	3730500.0	1.00E-05	0	7.59E-06	2.41E-06	5.01E-06	0	7.59E-06	-2.58E-06
COURSE GRID	390500.0	3730500.0	9.99E-06	0	7.97E-06	2.02E-06	5.03E-06	0	7.97E-06	-2.94E-06
COURSE GRID	391000.0	3730500.0	9.50E-06	0	7.54E-06	1.96E-06	4.71E-06	0	7.54E-06	-2.83E-06
COURSE GRID	391500.0	3730500.0	8.70E-06	0	6.64E-06	2.06E-06	4.14E-06	0	6.64E-06	-2.50E-06
COURSE GRID	392000.0	3730500.0	8.12E-06	0	6.10E-06	2.02E-06	3.74E-06	0	6.10E-06	-2.36E-06
COURSE GRID	392500.0	3730500.0	7.71E-06	0	5.85E-06	1.86E-06	3.50E-06	0	5.85E-06	-2.35E-06
COURSE GRID	393000.0	3730500.0	7.40E-06	0	5.69E-06	1.71E-06	3.33E-06	0	5.69E-06	-2.37E-06
COURSE GRID	393500.0	3730500.0	7.11E-06	0	5.51E-06	1.60E-06	3.18E-06	0	5.51E-06	-2.33E-06
COURSE GRID	377000.0	3731000.0	5.01E-06	0	3.01E-06	2.00E-06	2.12E-06	0	3.01E-06	-8.87E-07
COURSE GRID	377500.0	3731000.0	5.22E-06	0	3.12E-06	2.10E-06	2.26E-06	0	3.12E-06	-8.61E-07
COURSE GRID	378000.0	3731000.0	5.50E-06	0	3.36E-06	2.15E-06	2.42E-06	0	3.36E-06	-9.32E-07
COURSE GRID	378500.0	3731000.0	5.85E-06	0	3.66E-06	2.19E-06	2.63E-06	0	3.66E-06	-1.03E-06
COURSE GRID	379000.0	3731000.0	5.96E-06	0	3.66E-06	2.30E-06	2.74E-06	0	3.66E-06	-9.20E-07
COURSE GRID	379500.0	3731000.0	5.83E-06	0	3.44E-06	2.39E-06	2.63E-06	0	3.44E-06	-8.12E-07
COURSE GRID	380000.0	3731000.0	5.55E-06	0	3.06E-06	2.50E-06	2.44E-06	0	3.06E-06	-6.07E-07
COURSE GRID	380500.0	3731000.0	6.96E-06	0	4.08E-06	2.89E-06	3.34E-06	0	4.08E-06	-7.31E-07
COURSE GRID	381000.0	3731000.0	8.74E-06	0	5.50E-06	3.24E-06	4.65E-06	0	5.50E-06	-8.52E-07
COURSE GRID	381500.0	3731000.0	1.02E-05	0	6.50E-06	3.72E-06	5.80E-06	0	6.50E-06	-6.98E-07
COURSE GRID	382000.0	3731000.0	1.25E-05	0	8.24E-06	4.27E-06	7.69E-06	0	8.24E-06	-5.52E-07
COURSE GRID	382500.0	3731000.0	1.77E-05	0	1.25E-05	5.25E-06	1.22E-05	0	1.25E-05	-2.43E-07
COURSE GRID	383000.0	3731000.0	2.80E-05	0	2.16E-05	6.32E-06	2.22E-05	0	2.16E-05	5.39E-07
COURSE GRID	383500.0	3731000.0	2.90E-05	0	1.88E-05	1.02E-05	2.22E-05	0	1.88E-05	3.46E-06
COURSE GRID	384000.0	3731000.0	4.32E-05	0	2.15E-05	2.17E-05	3.53E-05	0	2.15E-05	1.38E-05
COURSE GRID	384500.0	3731000.0	3.57E-05	0	1.83E-05	1.74E-05	2.67E-05	0	1.83E-05	8.42E-06
COURSE GRID	385000.0	3731000.0	2.72E-05	0	1.50E-05	1.23E-05	1.87E-05	0	1.50E-05	3.68E-06
COURSE GRID	385500.0	3731000.0	2.11E-05	0	1.28E-05	8.26E-06	1.31E-05	0	1.28E-05	2.94E-07
COURSE GRID	386000.0	3731000.0	1.71E-05	0	1.11E-05	6.01E-06	9.80E-06	0	1.11E-05	-1.31E-06
COURSE GRID	386500.0	3731000.0	1.49E-05	0	9.90E-06	4.98E-06	7.95E-06	0	9.90E-06	-1.95E-06
COURSE GRID	387000.0	3731000.0	1.33E-05	0	9.18E-06	4.14E-06	6.84E-06	0	9.18E-06	-2.34E-06
COURSE GRID	387500.0	3731000.0	1.23E-05	0	8.50E-06	3.85E-06	6.13E-06	0	8.50E-06	-2.36E-06
COURSE GRID	388000.0	3731000.0	1.16E-05	0	7.87E-06	3.72E-06	5.74E-06	0	7.87E-06	-2.13E-06
COURSE GRID	388500.0	3731000.0	1.11E-05	0	7.82E-06	3.32E-06	5.54E-06	0	7.82E-06	-2.29E-06
COURSE GRID	389000.0	3731000.0	1.08E-05	0	7.78E-06	3.03E-06	5.44E-06	0	7.78E-06	-2.34E-06
COURSE GRID	389500.0	3731000.0	1.06E-05	0	7.96E-06	2.66E-06	5.42E-06	0	7.96E-06	-2.54E-06
COURSE GRID	390000.0	3731000.0	1.06E-05	0	8.35E-06	2.23E-06	5.50E-06	0	8.35E-06	-2.85E-06
COURSE GRID	390500.0	3731000.0	1.05E-05	0	8.74E-06	1.81E-06	5.53E-06	0	8.74E-06	-3.21E-06
COURSE GRID	391000.0	3731000.0	9.56E-06	0	7.60E-06	1.96E-06	4.78E-06	0	7.60E-06	-2.82E-06
COURSE GRID	391500.0	3731000.0	8.69E-06	0	6.68E-06	2.01E-06	4.12E-06	0	6.68E-06	-2.56E-06

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	392000.0	3731000.0	8.23E-06	0	8.23E-06	6.37E-06	1.86E-06	3.85E-06	0	3.85E-06	6.37E-06	2.53E-06
COURSE GRID	392500.0	3731000.0	7.87E-06	0	7.87E-06	6.16E-06	1.70E-06	3.64E-06	0	3.64E-06	6.16E-06	2.52E-06
COURSE GRID	393000.0	3731000.0	7.51E-06	0	7.51E-06	5.95E-06	1.56E-06	3.44E-06	0	3.44E-06	5.95E-06	2.51E-06
COURSE GRID	393500.0	3731000.0	7.17E-06	0	7.17E-06	5.77E-06	1.40E-06	3.24E-06	0	3.24E-06	5.77E-06	2.53E-06
COURSE GRID	377000.0	3731500.0	5.05E-06	0	5.05E-06	3.08E-06	1.96E-06	2.15E-06	0	2.15E-06	3.08E-06	-9.36E-07
COURSE GRID	377500.0	3731500.0	5.31E-06	0	5.31E-06	3.25E-06	2.06E-06	2.30E-06	0	2.30E-06	3.25E-06	-9.55E-07
COURSE GRID	378000.0	3731500.0	5.07E-06	0	5.07E-06	3.01E-06	2.06E-06	2.17E-06	0	2.17E-06	3.01E-06	-8.42E-07
COURSE GRID	378500.0	3731500.0	5.29E-06	0	5.29E-06	3.10E-06	2.18E-06	2.29E-06	0	2.29E-06	3.10E-06	-8.15E-07
COURSE GRID	379000.0	3731500.0	5.12E-06	0	5.12E-06	3.10E-06	2.03E-06	2.18E-06	0	2.18E-06	3.10E-06	-9.17E-07
COURSE GRID	379500.0	3731500.0	5.91E-06	0	5.91E-06	3.52E-06	2.39E-06	2.63E-06	0	2.63E-06	3.52E-06	-8.96E-07
COURSE GRID	380000.0	3731500.0	6.27E-06	0	6.27E-06	3.59E-06	2.67E-06	2.81E-06	0	2.81E-06	3.59E-06	-7.83E-07
COURSE GRID	380500.0	3731500.0	7.82E-06	0	7.82E-06	4.80E-06	3.02E-06	3.95E-06	0	3.95E-06	4.80E-06	-8.55E-07
COURSE GRID	381000.0	3731500.0	9.66E-06	0	9.66E-06	6.32E-06	3.34E-06	5.36E-06	0	5.36E-06	6.32E-06	-9.61E-07
COURSE GRID	381500.0	3731500.0	1.19E-05	0	1.19E-05	8.25E-06	3.63E-06	7.15E-06	0	7.15E-06	8.25E-06	-1.10E-06
COURSE GRID	382000.0	3731500.0	1.57E-05	0	1.57E-05	1.17E-05	3.98E-06	1.04E-05	0	1.04E-05	1.17E-05	-1.28E-06
COURSE GRID	382500.0	3731500.0	2.31E-05	0	2.31E-05	1.88E-05	4.30E-06	1.67E-05	0	1.67E-05	1.88E-05	-2.04E-06
COURSE GRID	383000.0	3731500.0	2.84E-05	0	2.84E-05	2.22E-05	6.28E-06	2.13E-05	0	2.13E-05	2.22E-05	-8.39E-07
COURSE GRID	384500.0	3731500.0	3.00E-05	0	3.00E-05	1.72E-05	1.28E-05	2.03E-05	0	2.03E-05	1.72E-05	3.10E-06
COURSE GRID	385000.0	3731500.0	2.55E-05	0	2.55E-05	1.56E-05	9.89E-06	1.62E-05	0	1.62E-05	1.56E-05	6.43E-07
COURSE GRID	385500.0	3731500.0	2.18E-05	0	2.18E-05	1.40E-05	7.81E-06	1.31E-05	0	1.31E-05	1.40E-05	-8.84E-07
COURSE GRID	386000.0	3731500.0	1.86E-05	0	1.86E-05	1.23E-05	6.36E-06	1.06E-05	0	1.06E-05	1.23E-05	-1.63E-06
COURSE GRID	386500.0	3731500.0	1.61E-05	0	1.61E-05	1.09E-05	5.17E-06	8.76E-06	0	8.76E-06	1.09E-05	-2.18E-06
COURSE GRID	387000.0	3731500.0	1.43E-05	0	1.43E-05	9.80E-06	4.46E-06	7.41E-06	0	7.41E-06	9.80E-06	-2.39E-06
COURSE GRID	387500.0	3731500.0	1.29E-05	0	1.29E-05	8.70E-06	4.17E-06	6.57E-06	0	6.57E-06	8.70E-06	-2.13E-06
COURSE GRID	388000.0	3731500.0	1.22E-05	0	1.22E-05	8.45E-06	3.73E-06	6.19E-06	0	6.19E-06	8.45E-06	-2.26E-06
COURSE GRID	388500.0	3731500.0	1.17E-05	0	1.17E-05	8.35E-06	3.33E-06	6.03E-06	0	6.03E-06	8.35E-06	-2.32E-06
COURSE GRID	389000.0	3731500.0	1.14E-05	0	1.14E-05	8.59E-06	2.86E-06	6.04E-06	0	6.04E-06	8.59E-06	-2.55E-06
COURSE GRID	389500.0	3731500.0	1.14E-05	0	1.14E-05	9.04E-06	2.35E-06	6.18E-06	0	6.18E-06	9.04E-06	-2.86E-06
COURSE GRID	390000.0	3731500.0	1.15E-05	0	1.15E-05	9.82E-06	1.67E-06	6.44E-06	0	6.44E-06	9.82E-06	-3.38E-06
COURSE GRID	390500.0	3731500.0	1.10E-05	0	1.10E-05	9.69E-06	1.32E-06	6.21E-06	0	6.21E-06	9.69E-06	-3.48E-06
COURSE GRID	391000.0	3731500.0	9.57E-06	0	9.57E-06	7.74E-06	1.83E-06	4.85E-06	0	4.85E-06	7.74E-06	-2.89E-06
COURSE GRID	391500.0	3731500.0	8.98E-06	0	8.98E-06	7.24E-06	1.74E-06	4.43E-06	0	4.43E-06	7.24E-06	-2.81E-06
COURSE GRID	392000.0	3731500.0	8.47E-06	0	8.47E-06	6.87E-06	1.60E-06	4.09E-06	0	4.09E-06	6.87E-06	-2.78E-06
COURSE GRID	392500.0	3731500.0	8.01E-06	0	8.01E-06	6.58E-06	1.43E-06	3.80E-06	0	3.80E-06	6.58E-06	-2.78E-06
COURSE GRID	393000.0	3731500.0	7.61E-06	0	7.61E-06	6.34E-06	1.28E-06	3.55E-06	0	3.55E-06	6.34E-06	-2.79E-06
COURSE GRID	393500.0	3731500.0	7.25E-06	0	7.25E-06	6.11E-06	1.14E-06	3.34E-06	0	3.34E-06	6.11E-06	-2.78E-06
COURSE GRID	377000.0	3732000.0	4.52E-06	0	4.52E-06	2.67E-06	1.85E-06	1.89E-06	0	1.89E-06	2.67E-06	-7.76E-07
COURSE GRID	377500.0	3732000.0	4.76E-06	0	4.76E-06	2.87E-06	1.90E-06	2.02E-06	0	2.02E-06	2.87E-06	-8.48E-07
COURSE GRID	378000.0	3732000.0	4.73E-06	0	4.73E-06	2.84E-06	1.90E-06	2.01E-06	0	2.01E-06	2.84E-06	-8.25E-07
COURSE GRID	378500.0	3732000.0	4.55E-06	0	4.55E-06	2.69E-06	1.86E-06	1.94E-06	0	1.94E-06	2.69E-06	-7.49E-07

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION				REDUCED PROJECT - WITH MITIGATION							
			TOTAL	CEQA	NEPA	NEPA	TOTAL	CEQA	NEPA	NEPA				
			IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE				
COURSE GRID	379000.0	3732000.0	5.15E-06	0	2.96E-06	2.26E-06	0	2.26E-06	2.96E-06	2.26E-06	0	2.26E-06	2.96E-06	-7.02E-07
COURSE GRID	379500.0	3732000.0	5.96E-06	0	3.67E-06	2.67E-06	0	2.67E-06	3.67E-06	2.67E-06	0	2.67E-06	3.67E-06	-9.95E-07
COURSE GRID	380000.0	3732000.0	6.58E-06	0	4.00E-06	3.02E-06	0	3.02E-06	4.00E-06	3.02E-06	0	3.02E-06	4.00E-06	-9.81E-07
COURSE GRID	380500.0	3732000.0	8.34E-06	0	5.47E-06	4.31E-06	0	4.31E-06	5.47E-06	4.31E-06	0	4.31E-06	5.47E-06	-1.16E-06
COURSE GRID	381000.0	3732000.0	9.87E-06	0	6.77E-06	5.46E-06	0	5.46E-06	6.77E-06	5.46E-06	0	5.46E-06	6.77E-06	-1.32E-06
COURSE GRID	381500.0	3732000.0	1.30E-05	0	9.95E-06	7.96E-06	0	7.96E-06	9.95E-06	7.96E-06	0	7.96E-06	9.95E-06	-1.98E-06
COURSE GRID	382000.0	3732000.0	1.78E-05	0	1.58E-05	1.22E-05	0	1.22E-05	1.58E-05	1.22E-05	0	1.22E-05	1.58E-05	-3.62E-06
COURSE GRID	382500.0	3732000.0	2.48E-05	0	2.31E-05	1.78E-05	0	1.78E-05	2.31E-05	1.78E-05	0	1.78E-05	2.31E-05	-5.25E-06
COURSE GRID	383000.0	3732000.0	2.77E-05	0	2.25E-05	1.89E-05	0	1.89E-05	2.25E-05	1.89E-05	0	1.89E-05	2.25E-05	-3.64E-06
COURSE GRID	383500.0	3732000.0	3.09E-05	0	1.86E-05	1.65E-05	0	1.65E-05	1.86E-05	1.65E-05	0	1.65E-05	1.86E-05	-2.18E-06
COURSE GRID	384000.0	3732000.0	3.48E-05	0	1.73E-05	1.62E-05	0	1.62E-05	1.73E-05	1.62E-05	0	1.62E-05	1.73E-05	-1.09E-06
COURSE GRID	384500.0	3732000.0	2.72E-05	0	1.72E-05	1.52E-05	0	1.52E-05	1.72E-05	1.52E-05	0	1.52E-05	1.72E-05	-2.00E-06
COURSE GRID	385000.0	3732000.0	2.34E-05	0	1.65E-05	1.34E-05	0	1.34E-05	1.65E-05	1.34E-05	0	1.34E-05	1.65E-05	-3.11E-06
COURSE GRID	385500.0	3732000.0	2.07E-05	0	1.48E-05	1.16E-05	0	1.16E-05	1.48E-05	1.16E-05	0	1.16E-05	1.48E-05	-3.24E-06
COURSE GRID	386000.0	3732000.0	1.84E-05	0	1.31E-05	1.00E-05	0	1.00E-05	1.31E-05	1.00E-05	0	1.00E-05	1.31E-05	-3.04E-06
COURSE GRID	386500.0	3732000.0	1.65E-05	0	1.16E-05	8.83E-06	0	8.83E-06	1.16E-05	8.83E-06	0	8.83E-06	1.16E-05	-2.81E-06
COURSE GRID	387000.0	3732000.0	1.48E-05	0	1.00E-05	7.84E-06	0	7.84E-06	1.00E-05	7.84E-06	0	7.84E-06	1.00E-05	-2.20E-06
COURSE GRID	387500.0	3732000.0	1.36E-05	0	9.30E-06	7.15E-06	0	7.15E-06	9.30E-06	7.15E-06	0	7.15E-06	9.30E-06	-2.16E-06
COURSE GRID	388000.0	3732000.0	1.29E-05	0	9.04E-06	6.83E-06	0	6.83E-06	9.04E-06	6.83E-06	0	6.83E-06	9.04E-06	-2.21E-06
COURSE GRID	388500.0	3732000.0	1.25E-05	0	9.26E-06	6.80E-06	0	6.80E-06	9.26E-06	6.80E-06	0	6.80E-06	9.26E-06	-2.46E-06
COURSE GRID	389000.0	3732000.0	1.25E-05	0	9.95E-06	7.04E-06	0	7.04E-06	9.95E-06	7.04E-06	0	7.04E-06	9.95E-06	-2.91E-06
COURSE GRID	389500.0	3732000.0	1.29E-05	0	1.14E-05	7.66E-06	0	7.66E-06	1.14E-05	7.66E-06	0	7.66E-06	1.14E-05	-3.77E-06
COURSE GRID	390000.0	3732000.0	1.23E-05	0	1.13E-05	7.36E-06	0	7.36E-06	1.13E-05	7.36E-06	0	7.36E-06	1.13E-05	-3.92E-06
COURSE GRID	390500.0	3732000.0	1.27E-05	0	1.26E-05	7.90E-06	0	7.90E-06	1.26E-05	7.90E-06	0	7.90E-06	1.26E-05	-4.72E-06
COURSE GRID	391000.0	3732000.0	1.06E-05	0	9.49E-06	5.87E-06	0	5.87E-06	9.49E-06	5.87E-06	0	5.87E-06	9.49E-06	-3.62E-06
COURSE GRID	391500.0	3732000.0	9.52E-06	0	8.26E-06	4.96E-06	0	4.96E-06	8.26E-06	4.96E-06	0	4.96E-06	8.26E-06	-3.30E-06
COURSE GRID	392000.0	3732000.0	8.79E-06	0	7.59E-06	4.41E-06	0	4.41E-06	7.59E-06	4.41E-06	0	4.41E-06	7.59E-06	-3.18E-06
COURSE GRID	392500.0	3732000.0	8.24E-06	0	7.15E-06	4.02E-06	0	4.02E-06	7.15E-06	4.02E-06	0	4.02E-06	7.15E-06	-3.14E-06
COURSE GRID	393000.0	3732000.0	7.78E-06	0	6.82E-06	3.71E-06	0	3.71E-06	6.82E-06	3.71E-06	0	3.71E-06	6.82E-06	-3.10E-06
COURSE GRID	393500.0	3732000.0	7.38E-06	0	6.51E-06	3.45E-06	0	3.45E-06	6.51E-06	3.45E-06	0	3.45E-06	6.51E-06	-3.05E-06
COURSE GRID	377000.0	3732500.0	4.17E-06	0	2.46E-06	1.74E-06	0	1.74E-06	2.46E-06	1.74E-06	0	1.74E-06	2.46E-06	-7.20E-07
COURSE GRID	377500.0	3732500.0	4.13E-06	0	2.44E-06	1.73E-06	0	1.73E-06	2.44E-06	1.73E-06	0	1.73E-06	2.44E-06	-7.07E-07
COURSE GRID	378000.0	3732500.0	4.14E-06	0	2.39E-06	1.76E-06	0	1.76E-06	2.39E-06	1.76E-06	0	1.76E-06	2.39E-06	-6.34E-07
COURSE GRID	378500.0	3732500.0	4.34E-06	0	2.57E-06	1.87E-06	0	1.87E-06	2.57E-06	1.87E-06	0	1.87E-06	2.57E-06	-7.04E-07
COURSE GRID	379000.0	3732500.0	5.18E-06	0	3.12E-06	2.07E-06	0	2.07E-06	3.12E-06	2.07E-06	0	2.07E-06	3.12E-06	-8.73E-07
COURSE GRID	379500.0	3732500.0	6.21E-06	0	3.74E-06	2.74E-06	0	2.74E-06	3.74E-06	2.74E-06	0	2.74E-06	3.74E-06	-1.00E-06
COURSE GRID	380000.0	3732500.0	7.44E-06	0	4.71E-06	3.46E-06	0	3.46E-06	4.71E-06	3.46E-06	0	3.46E-06	4.71E-06	-1.25E-06
COURSE GRID	380500.0	3732500.0	8.97E-06	0	6.35E-06	4.57E-06	0	4.57E-06	6.35E-06	4.57E-06	0	4.57E-06	6.35E-06	-1.78E-06
COURSE GRID	381000.0	3732500.0	1.03E-05	0	7.76E-06	5.76E-06	0	5.76E-06	7.76E-06	5.76E-06	0	5.76E-06	7.76E-06	-2.00E-06
COURSE GRID	381500.0	3732500.0	1.26E-05	0	1.06E-05	7.64E-06	0	7.64E-06	1.06E-05	7.64E-06	0	7.64E-06	1.06E-05	-2.94E-06

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION				REDUCED PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE		
			IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE		
COURSE GRID	382000.0	3732500.0	1.75E-05	0	1.75E-05	1.81E-05	-6.04E-07	1.19E-05	0	1.19E-05	1.81E-05	-6.17E-06
COURSE GRID	382500.0	3732500.0	2.58E-05	0	2.58E-05	2.55E-05	2.88E-07	1.80E-05	0	1.80E-05	2.55E-05	-7.54E-06
COURSE GRID	383000.0	3732500.0	2.18E-05	0	2.18E-05	1.66E-05	5.19E-06	1.35E-05	0	1.35E-05	1.66E-05	-3.10E-06
COURSE GRID	383500.0	3732500.0	2.01E-05	0	2.01E-05	1.42E-05	5.83E-06	1.13E-05	0	1.13E-05	1.42E-05	-2.99E-06
COURSE GRID	384000.0	3732500.0	2.06E-05	0	2.06E-05	1.54E-05	5.24E-06	1.08E-05	0	1.08E-05	1.54E-05	-4.64E-06
COURSE GRID	384500.0	3732500.0	2.14E-05	0	2.14E-05	1.74E-05	4.04E-06	1.06E-05	0	1.06E-05	1.74E-05	-6.81E-06
COURSE GRID	385000.0	3732500.0	2.17E-05	0	2.17E-05	1.74E-05	4.32E-06	1.03E-05	0	1.03E-05	1.74E-05	-7.17E-06
COURSE GRID	385500.0	3732500.0	2.03E-05	0	2.03E-05	1.56E-05	4.62E-06	9.70E-06	0	9.70E-06	1.56E-05	-5.94E-06
COURSE GRID	386000.0	3732500.0	1.84E-05	0	1.84E-05	1.38E-05	4.61E-06	9.02E-06	0	9.02E-06	1.38E-05	-4.75E-06
COURSE GRID	386500.0	3732500.0	1.65E-05	0	1.65E-05	1.15E-05	4.99E-06	8.28E-06	0	8.28E-06	1.15E-05	-3.22E-06
COURSE GRID	387000.0	3732500.0	1.52E-05	0	1.52E-05	1.03E-05	4.91E-06	7.73E-06	0	7.73E-06	1.03E-05	-2.54E-06
COURSE GRID	387500.0	3732500.0	1.42E-05	0	1.42E-05	9.66E-06	4.59E-06	7.46E-06	0	7.46E-06	9.66E-06	-2.20E-06
COURSE GRID	388000.0	3732500.0	1.39E-05	0	1.39E-05	9.89E-06	4.03E-06	7.59E-06	0	7.59E-06	9.89E-06	-2.30E-06
COURSE GRID	388500.0	3732500.0	1.40E-05	0	1.40E-05	1.09E-05	3.07E-06	8.00E-06	0	8.00E-06	1.09E-05	-2.89E-06
COURSE GRID	389000.0	3732500.0	1.45E-05	0	1.45E-05	1.28E-05	1.70E-06	8.88E-06	0	8.88E-06	1.28E-05	-3.95E-06
COURSE GRID	389500.0	3732500.0	1.39E-05	0	1.39E-05	1.28E-05	1.15E-06	8.58E-06	0	8.58E-06	1.28E-05	-4.18E-06
COURSE GRID	390000.0	3732500.0	1.52E-05	0	1.52E-05	1.57E-05	-5.57E-07	9.93E-06	0	9.93E-06	1.57E-05	-5.80E-06
COURSE GRID	390500.0	3732500.0	1.32E-05	0	1.32E-05	1.29E-05	2.36E-07	8.05E-06	0	8.05E-06	1.29E-05	-4.89E-06
COURSE GRID	391000.0	3732500.0	1.14E-05	0	1.14E-05	1.08E-05	5.91E-07	6.57E-06	0	6.57E-06	1.08E-05	-4.27E-06
COURSE GRID	391500.0	3732500.0	1.02E-05	0	1.02E-05	9.39E-06	7.77E-07	5.51E-06	0	5.51E-06	9.39E-06	-3.88E-06
COURSE GRID	392000.0	3732500.0	9.24E-06	0	9.24E-06	8.41E-06	8.25E-07	4.77E-06	0	4.77E-06	8.41E-06	-3.65E-06
COURSE GRID	392500.0	3732500.0	8.55E-06	0	8.55E-06	7.78E-06	7.69E-07	4.26E-06	0	4.26E-06	7.78E-06	-3.52E-06
COURSE GRID	393000.0	3732500.0	8.02E-06	0	8.02E-06	7.30E-06	7.20E-07	3.89E-06	0	3.89E-06	7.30E-06	-3.40E-06
COURSE GRID	393500.0	3732500.0	7.56E-06	0	7.56E-06	6.86E-06	6.97E-07	3.59E-06	0	3.59E-06	6.86E-06	-3.27E-06
COURSE GRID	377000.0	3733000.0	3.44E-06	0	3.44E-06	1.94E-06	1.49E-06	1.41E-06	0	1.41E-06	1.94E-06	-5.32E-07
COURSE GRID	377500.0	3733000.0	3.47E-06	0	3.47E-06	1.95E-06	1.52E-06	1.44E-06	0	1.44E-06	1.95E-06	-5.11E-07
COURSE GRID	378000.0	3733000.0	3.74E-06	0	3.74E-06	2.12E-06	1.62E-06	1.56E-06	0	1.56E-06	2.12E-06	-5.56E-07
COURSE GRID	378500.0	3733000.0	4.73E-06	0	4.73E-06	2.81E-06	1.92E-06	1.98E-06	0	1.98E-06	2.81E-06	-8.24E-07
COURSE GRID	379000.0	3733000.0	5.42E-06	0	5.42E-06	3.30E-06	2.12E-06	2.34E-06	0	2.34E-06	3.30E-06	-9.60E-07
COURSE GRID	379500.0	3733000.0	6.26E-06	0	6.26E-06	4.08E-06	2.18E-06	2.84E-06	0	2.84E-06	4.08E-06	-1.24E-06
COURSE GRID	380000.0	3733000.0	7.39E-06	0	7.39E-06	5.20E-06	2.19E-06	3.56E-06	0	3.56E-06	5.20E-06	-1.64E-06
COURSE GRID	380500.0	3733000.0	8.61E-06	0	8.61E-06	6.19E-06	2.42E-06	4.34E-06	0	4.34E-06	6.19E-06	-1.84E-06
COURSE GRID	381000.0	3733000.0	1.03E-05	0	1.03E-05	8.11E-06	2.18E-06	5.43E-06	0	5.43E-06	8.11E-06	-2.68E-06
COURSE GRID	381500.0	3733000.0	1.22E-05	0	1.22E-05	1.09E-05	1.21E-06	7.16E-06	0	7.16E-06	1.09E-05	-3.78E-06
COURSE GRID	382000.0	3733000.0	1.63E-05	0	1.63E-05	1.52E-05	1.01E-06	9.90E-06	0	9.90E-06	1.52E-05	-5.35E-06
COURSE GRID	382500.0	3733000.0	2.37E-05	0	2.37E-05	1.78E-05	5.92E-06	1.33E-05	0	1.33E-05	1.78E-05	-4.52E-06
COURSE GRID	383000.0	3733000.0	1.68E-05	0	1.68E-05	1.27E-05	4.01E-06	9.18E-06	0	9.18E-06	1.27E-05	-3.56E-06
COURSE GRID	383500.0	3733000.0	1.44E-05	0	1.44E-05	1.23E-05	2.12E-06	7.79E-06	0	7.79E-06	1.23E-05	-4.50E-06
COURSE GRID	384000.0	3733000.0	1.51E-05	0	1.51E-05	1.67E-05	-1.62E-06	7.77E-06	0	7.77E-06	1.67E-05	-8.95E-06
COURSE GRID	384500.0	3733000.0	1.62E-05	0	1.62E-05	2.01E-05	-3.94E-06	7.95E-06	0	7.95E-06	2.01E-05	-1.21E-05

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	385000.0	3733000.0	1.65E-05	0	1.65E-05	1.88E-05	-2.28E-06	7.93E-06	0	7.93E-06	1.88E-05	-1.09E-05
COURSE GRID	385500.0	3733000.0	1.71E-05	0	1.71E-05	1.63E-05	3.87E-07	7.81E-06	0	7.81E-06	1.63E-05	-8.47E-06
COURSE GRID	386000.0	3733000.0	1.70E-05	0	1.70E-05	1.32E-05	7.82E-06	7.63E-06	0	7.63E-06	1.32E-05	-5.53E-06
COURSE GRID	386500.0	3733000.0	1.63E-05	0	1.63E-05	1.13E-05	5.09E-06	7.47E-06	0	7.47E-06	1.13E-05	-3.78E-06
COURSE GRID	387000.0	3733000.0	1.54E-05	0	1.54E-05	1.02E-05	5.21E-06	7.39E-06	0	7.39E-06	1.02E-05	-2.77E-06
COURSE GRID	387500.0	3733000.0	1.49E-05	0	1.49E-05	1.02E-05	4.77E-06	7.65E-06	0	7.65E-06	1.02E-05	-2.50E-06
COURSE GRID	388000.0	3733000.0	1.53E-05	0	1.53E-05	1.15E-05	3.80E-06	8.51E-06	0	8.51E-06	1.15E-05	-2.95E-06
COURSE GRID	388500.0	3733000.0	1.62E-05	0	1.62E-05	1.40E-05	2.18E-06	9.87E-06	0	9.87E-06	1.40E-05	-4.13E-06
COURSE GRID	389000.0	3733000.0	1.52E-05	0	1.52E-05	1.33E-05	1.81E-06	9.23E-06	0	9.23E-06	1.33E-05	-4.11E-06
COURSE GRID	389500.0	3733000.0	1.65E-05	0	1.65E-05	1.65E-05	-3.70E-08	1.07E-05	0	1.07E-05	1.65E-05	-5.81E-06
COURSE GRID	390000.0	3733000.0	1.43E-05	0	1.43E-05	1.38E-05	5.01E-07	8.74E-06	0	8.74E-06	1.38E-05	-5.03E-06
COURSE GRID	390500.0	3733000.0	1.26E-05	0	1.26E-05	1.21E-05	5.60E-07	7.44E-06	0	7.44E-06	1.21E-05	-4.63E-06
COURSE GRID	391000.0	3733000.0	1.14E-05	0	1.14E-05	1.09E-05	5.79E-07	6.45E-06	0	6.45E-06	1.09E-05	-4.41E-06
COURSE GRID	391500.0	3733000.0	1.04E-05	0	1.04E-05	9.89E-06	5.35E-07	5.65E-06	0	5.65E-06	9.89E-06	-4.24E-06
COURSE GRID	392000.0	3733000.0	9.59E-06	0	9.59E-06	9.11E-06	4.87E-07	5.03E-06	0	5.03E-06	9.11E-06	-4.07E-06
COURSE GRID	392500.0	3733000.0	8.89E-06	0	8.89E-06	8.41E-06	4.82E-07	4.52E-06	0	4.52E-06	8.41E-06	-3.89E-06
COURSE GRID	393000.0	3733000.0	8.27E-06	0	8.27E-06	7.75E-06	5.17E-07	4.08E-06	0	4.08E-06	7.75E-06	-3.67E-06
COURSE GRID	393500.0	3733000.0	7.74E-06	0	7.74E-06	7.17E-06	5.71E-07	3.73E-06	0	3.73E-06	7.17E-06	-3.44E-06
COURSE GRID	377000.0	3733500.0	3.06E-06	0	3.06E-06	1.84E-06	1.22E-06	1.25E-06	0	1.25E-06	1.84E-06	-5.87E-07
COURSE GRID	377500.0	3733500.0	3.25E-06	0	3.25E-06	1.96E-06	1.29E-06	1.35E-06	0	1.35E-06	1.96E-06	-6.04E-07
COURSE GRID	378000.0	3733500.0	3.96E-06	0	3.96E-06	2.39E-06	1.57E-06	1.67E-06	0	1.67E-06	2.39E-06	-7.19E-07
COURSE GRID	378500.0	3733500.0	4.51E-06	0	4.51E-06	2.75E-06	1.76E-06	1.92E-06	0	1.92E-06	2.75E-06	-8.27E-07
COURSE GRID	379000.0	3733500.0	5.42E-06	0	5.42E-06	3.45E-06	1.97E-06	2.39E-06	0	2.39E-06	3.45E-06	-1.06E-06
COURSE GRID	379500.0	3733500.0	6.07E-06	0	6.07E-06	4.11E-06	1.96E-06	2.76E-06	0	2.76E-06	4.11E-06	-1.35E-06
COURSE GRID	380000.0	3733500.0	6.92E-06	0	6.92E-06	5.04E-06	1.87E-06	3.30E-06	0	3.30E-06	5.04E-06	-1.75E-06
COURSE GRID	380500.0	3733500.0	8.22E-06	0	8.22E-06	6.28E-06	1.93E-06	4.05E-06	0	4.05E-06	6.28E-06	-2.23E-06
COURSE GRID	381000.0	3733500.0	1.01E-05	0	1.01E-05	7.92E-06	2.17E-06	5.10E-06	0	5.10E-06	7.92E-06	-2.82E-06
COURSE GRID	381500.0	3733500.0	1.53E-05	0	1.53E-05	1.20E-05	3.23E-06	7.80E-06	0	7.80E-06	1.20E-05	-4.23E-06
COURSE GRID	382500.0	3733500.0	1.97E-05	0	1.97E-05	1.36E-05	6.12E-06	9.57E-06	0	9.57E-06	1.36E-05	-4.00E-06
COURSE GRID	383000.0	3733500.0	1.23E-05	0	1.23E-05	1.14E-05	8.66E-07	6.47E-06	0	6.47E-06	1.14E-05	-4.96E-06
COURSE GRID	383500.0	3733500.0	1.15E-05	0	1.15E-05	1.29E-05	-1.40E-06	5.93E-06	0	5.93E-06	1.29E-05	-6.94E-06
COURSE GRID	384000.0	3733500.0	1.29E-05	0	1.29E-05	2.28E-05	-9.87E-06	6.24E-06	0	6.24E-06	2.28E-05	-1.65E-05
COURSE GRID	384500.0	3733500.0	1.38E-05	0	1.38E-05	2.59E-05	-1.21E-05	6.52E-06	0	6.52E-06	2.59E-05	-1.94E-05
COURSE GRID	385000.0	3733500.0	1.40E-05	0	1.40E-05	2.10E-05	-7.02E-06	6.58E-06	0	6.58E-06	2.10E-05	-1.45E-05
COURSE GRID	385500.0	3733500.0	1.36E-05	0	1.36E-05	1.52E-05	-1.59E-06	6.48E-06	0	6.48E-06	1.52E-05	-8.73E-06
COURSE GRID	386000.0	3733500.0	1.38E-05	0	1.38E-05	1.19E-05	1.81E-06	6.50E-06	0	6.50E-06	1.19E-05	-5.44E-06
COURSE GRID	386500.0	3733500.0	1.41E-05	0	1.41E-05	1.04E-05	3.77E-06	6.65E-06	0	6.65E-06	1.04E-05	-3.72E-06
COURSE GRID	387000.0	3733500.0	1.46E-05	0	1.46E-05	1.01E-05	4.53E-06	6.98E-06	0	6.98E-06	1.01E-05	-3.09E-06
COURSE GRID	387500.0	3733500.0	1.56E-05	0	1.56E-05	1.13E-05	4.22E-06	8.05E-06	0	8.05E-06	1.13E-05	-3.29E-06
COURSE GRID	388000.0	3733500.0	1.75E-05	0	1.75E-05	1.50E-05	2.52E-06	1.03E-05	0	1.03E-05	1.50E-05	-4.65E-06

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	388500.0	3733500.0	1.61E-05	0	1.61E-05	1.37E-05	2.39E-06	9.53E-06	0	9.53E-06	1.37E-05	-4.19E-06
COURSE GRID	389000.0	3733500.0	1.74E-05	0	1.74E-05	1.68E-05	5.63E-07	1.11E-05	0	1.11E-05	1.68E-05	-5.75E-06
COURSE GRID	389500.0	3733500.0	1.52E-05	0	1.52E-05	1.42E-05	9.60E-07	9.19E-06	0	9.19E-06	1.42E-05	-5.03E-06
COURSE GRID	390000.0	3733500.0	1.36E-05	0	1.36E-05	1.27E-05	9.20E-07	7.92E-06	0	7.92E-06	1.27E-05	-4.73E-06
COURSE GRID	390500.0	3733500.0	1.24E-05	0	1.24E-05	1.16E-05	8.10E-07	7.00E-06	0	7.00E-06	1.16E-05	-4.62E-06
COURSE GRID	391000.0	3733500.0	1.14E-05	0	1.14E-05	1.09E-05	5.58E-07	6.26E-06	0	6.26E-06	1.09E-05	-4.59E-06
COURSE GRID	391500.0	3733500.0	1.06E-05	0	1.06E-05	1.02E-05	3.90E-07	5.64E-06	0	5.64E-06	1.02E-05	-4.52E-06
COURSE GRID	392000.0	3733500.0	9.79E-06	0	9.79E-06	9.46E-06	3.28E-07	5.10E-06	0	5.10E-06	9.46E-06	-4.37E-06
COURSE GRID	392500.0	3733500.0	9.09E-06	0	9.09E-06	8.79E-06	3.09E-07	4.63E-06	0	4.63E-06	8.79E-06	-4.16E-06
COURSE GRID	393000.0	3733500.0	8.47E-06	0	8.47E-06	8.09E-06	3.72E-07	4.21E-06	0	4.21E-06	8.09E-06	-3.88E-06
COURSE GRID	393500.0	3733500.0	7.88E-06	0	7.88E-06	7.41E-06	4.72E-07	3.84E-06	0	3.84E-06	7.41E-06	-3.57E-06
COURSE GRID	377000.0	3734000.0	2.81E-06	0	2.81E-06	1.66E-06	1.15E-06	1.17E-06	0	1.17E-06	1.66E-06	-4.89E-07
COURSE GRID	377500.0	3734000.0	3.12E-06	0	3.12E-06	1.92E-06	1.21E-06	1.31E-06	0	1.31E-06	1.92E-06	-6.10E-07
COURSE GRID	378000.0	3734000.0	3.84E-06	0	3.84E-06	2.47E-06	1.37E-06	1.60E-06	0	1.60E-06	2.47E-06	-8.67E-07
COURSE GRID	378500.0	3734000.0	4.35E-06	0	4.35E-06	2.92E-06	1.43E-06	1.84E-06	0	1.84E-06	2.92E-06	-1.09E-06
COURSE GRID	379000.0	3734000.0	4.99E-06	0	4.99E-06	3.50E-06	1.49E-06	2.16E-06	0	2.16E-06	3.50E-06	-1.34E-06
COURSE GRID	379500.0	3734000.0	5.88E-06	0	5.88E-06	4.35E-06	1.54E-06	2.68E-06	0	2.68E-06	4.35E-06	-1.66E-06
COURSE GRID	380000.0	3734000.0	6.55E-06	0	6.55E-06	4.92E-06	1.63E-06	3.05E-06	0	3.05E-06	4.92E-06	-1.87E-06
COURSE GRID	380500.0	3734000.0	7.71E-06	0	7.71E-06	5.96E-06	1.75E-06	3.68E-06	0	3.68E-06	5.96E-06	-2.27E-06
COURSE GRID	381000.0	3734000.0	9.91E-06	0	9.91E-06	7.70E-06	2.21E-06	4.69E-06	0	4.69E-06	7.70E-06	-3.01E-06
COURSE GRID	381500.0	3734000.0	1.58E-05	0	1.58E-05	1.07E-05	5.10E-06	7.07E-06	0	7.07E-06	1.07E-05	-3.65E-06
COURSE GRID	382000.0	3734000.0	4.68E-05	0	4.68E-05	1.76E-05	2.92E-05	1.77E-05	0	1.77E-05	1.76E-05	1.55E-07
COURSE GRID	382500.0	3734000.0	1.29E-05	0	1.29E-05	1.38E-05	-8.41E-07	6.48E-06	0	6.48E-06	1.38E-05	-7.30E-06
COURSE GRID	383000.0	3734000.0	1.06E-05	0	1.06E-05	1.32E-05	-2.66E-06	5.38E-06	0	5.38E-06	1.32E-05	-7.83E-06
COURSE GRID	383500.0	3734000.0	1.05E-05	0	1.05E-05	1.76E-05	-7.12E-06	5.13E-06	0	5.13E-06	1.76E-05	-1.25E-05
COURSE GRID	384000.0	3734000.0	1.36E-05	0	1.36E-05	4.26E-05	-2.90E-05	6.05E-06	0	6.05E-06	4.26E-05	-3.66E-05
COURSE GRID	384500.0	3734000.0	1.31E-05	0	1.31E-05	3.49E-05	-2.18E-05	5.91E-06	0	5.91E-06	3.49E-05	-2.90E-05
COURSE GRID	385000.0	3734000.0	1.20E-05	0	1.20E-05	1.96E-05	-7.62E-06	5.61E-06	0	5.61E-06	1.96E-05	-1.40E-05
COURSE GRID	385500.0	3734000.0	1.16E-05	0	1.16E-05	1.27E-05	-1.14E-06	5.61E-06	0	5.61E-06	1.27E-05	-7.13E-06
COURSE GRID	386000.0	3734000.0	1.17E-05	0	1.17E-05	1.05E-05	1.26E-06	5.81E-06	0	5.81E-06	1.05E-05	-4.65E-06
COURSE GRID	386500.0	3734000.0	1.22E-05	0	1.22E-05	1.01E-05	2.20E-06	6.19E-06	0	6.19E-06	1.01E-05	-3.87E-06
COURSE GRID	387000.0	3734000.0	1.33E-05	0	1.33E-05	1.08E-05	2.52E-06	6.97E-06	0	6.97E-06	1.08E-05	-3.83E-06
COURSE GRID	387500.0	3734000.0	1.64E-05	0	1.64E-05	1.49E-05	1.51E-06	9.75E-06	0	9.75E-06	1.49E-05	-5.15E-06
COURSE GRID	388000.0	3734000.0	1.67E-05	0	1.67E-05	1.48E-05	1.94E-06	1.00E-05	0	1.00E-05	1.48E-05	-4.74E-06
COURSE GRID	388500.0	3734000.0	1.79E-05	0	1.79E-05	1.69E-05	9.80E-07	1.11E-05	0	1.11E-05	1.69E-05	-5.80E-06
COURSE GRID	389000.0	3734000.0	1.55E-05	0	1.55E-05	1.40E-05	1.50E-06	9.06E-06	0	9.06E-06	1.40E-05	-4.94E-06
COURSE GRID	389500.0	3734000.0	1.41E-05	0	1.41E-05	1.28E-05	1.31E-06	7.96E-06	0	7.96E-06	1.28E-05	-4.80E-06
COURSE GRID	390000.0	3734000.0	1.30E-05	0	1.30E-05	1.20E-05	9.70E-07	7.14E-06	0	7.14E-06	1.20E-05	-4.86E-06
COURSE GRID	390500.0	3734000.0	1.22E-05	0	1.22E-05	1.17E-05	5.35E-07	6.63E-06	0	6.63E-06	1.17E-05	-5.06E-06
COURSE GRID	391000.0	3734000.0	1.14E-05	0	1.14E-05	1.12E-05	2.49E-07	6.07E-06	0	6.07E-06	1.12E-05	-5.09E-06

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	391500.0	3734000.0	1.06E-05	0	1.06E-05	1.05E-05	9.80E-08	5.56E-06	0	5.56E-06	1.05E-05	-4.98E-06
COURSE GRID	392000.0	3734000.0	9.88E-06	0	9.88E-06	9.81E-06	7.00E-08	5.08E-06	0	5.08E-06	9.81E-06	-4.74E-06
COURSE GRID	392500.0	3734000.0	9.19E-06	0	9.19E-06	9.02E-06	1.67E-07	4.63E-06	0	4.63E-06	9.02E-06	-4.39E-06
COURSE GRID	393000.0	3734000.0	8.52E-06	0	8.52E-06	8.21E-06	3.17E-07	4.22E-06	0	4.22E-06	8.21E-06	-3.98E-06
COURSE GRID	393500.0	3734000.0	7.92E-06	0	7.92E-06	7.41E-06	5.07E-07	3.84E-06	0	3.84E-06	7.41E-06	-3.57E-06
COURSE GRID	377000.0	3734500.0	2.42E-06	0	2.42E-06	1.57E-06	8.46E-07	1.03E-06	0	1.03E-06	1.57E-06	-5.45E-07
COURSE GRID	377500.0	3734500.0	2.99E-06	0	2.99E-06	1.88E-06	1.12E-06	1.24E-06	0	1.24E-06	1.88E-06	-6.32E-07
COURSE GRID	378000.0	3734500.0	3.45E-06	0	3.45E-06	2.17E-06	1.28E-06	1.44E-06	0	1.44E-06	2.17E-06	-7.28E-07
COURSE GRID	378500.0	3734500.0	3.91E-06	0	3.91E-06	2.51E-06	1.41E-06	1.66E-06	0	1.66E-06	2.51E-06	-8.43E-07
COURSE GRID	379000.0	3734500.0	4.38E-06	0	4.38E-06	2.88E-06	1.50E-06	1.89E-06	0	1.89E-06	2.88E-06	-9.94E-07
COURSE GRID	379500.0	3734500.0	5.02E-06	0	5.02E-06	3.43E-06	1.58E-06	2.20E-06	0	2.20E-06	3.43E-06	-1.23E-06
COURSE GRID	380000.0	3734500.0	5.92E-06	0	5.92E-06	4.51E-06	1.41E-06	2.69E-06	0	2.69E-06	4.51E-06	-1.82E-06
COURSE GRID	380500.0	3734500.0	6.85E-06	0	6.85E-06	5.81E-06	1.04E-06	3.16E-06	0	3.16E-06	5.81E-06	-2.65E-06
COURSE GRID	381000.0	3734500.0	8.14E-06	0	8.14E-06	7.56E-06	5.84E-07	3.83E-06	0	3.83E-06	7.56E-06	-3.73E-06
COURSE GRID	381500.0	3734500.0	1.09E-05	0	1.09E-05	1.02E-05	6.52E-07	5.21E-06	0	5.21E-06	1.02E-05	-4.99E-06
COURSE GRID	382000.0	3734500.0	1.45E-05	0	1.45E-05	1.33E-05	1.15E-06	6.68E-06	0	6.68E-06	1.33E-05	-6.64E-06
COURSE GRID	382500.0	3734500.0	1.26E-05	0	1.26E-05	1.77E-05	-5.15E-06	5.99E-06	0	5.99E-06	1.77E-05	-1.17E-05
COURSE GRID	383000.0	3734500.0	1.06E-05	0	1.06E-05	2.56E-05	-1.50E-05	5.12E-06	0	5.12E-06	2.56E-05	-2.05E-05
COURSE GRID	383500.0	3734500.0	1.19E-05	0	1.19E-05	4.07E-05	-2.88E-05	5.30E-06	0	5.30E-06	4.07E-05	-3.54E-05
COURSE GRID	384000.0	3734500.0	1.96E-05	0	1.96E-05	1.05E-04	-8.58E-05	7.77E-06	0	7.77E-06	1.05E-04	-9.76E-05
COURSE GRID	384500.0	3734500.0	1.15E-05	0	1.15E-05	3.09E-05	-1.94E-05	5.23E-06	0	5.23E-06	3.09E-05	-2.57E-05
COURSE GRID	385000.0	3734500.0	1.00E-05	0	1.00E-05	1.46E-05	-4.54E-06	4.88E-06	0	4.88E-06	1.46E-05	-9.71E-06
COURSE GRID	385500.0	3734500.0	1.02E-05	0	1.02E-05	1.09E-05	-7.25E-07	5.08E-06	0	5.08E-06	1.09E-05	-5.81E-06
COURSE GRID	386000.0	3734500.0	1.06E-05	0	1.06E-05	9.84E-06	7.91E-07	5.49E-06	0	5.49E-06	9.84E-06	-4.35E-06
COURSE GRID	386500.0	3734500.0	1.13E-05	0	1.13E-05	1.02E-05	1.18E-06	6.15E-06	0	6.15E-06	1.02E-05	-4.00E-06
COURSE GRID	387000.0	3734500.0	1.28E-05	0	1.28E-05	1.23E-05	4.98E-07	7.62E-06	0	7.62E-06	1.23E-05	-4.71E-06
COURSE GRID	387500.0	3734500.0	1.54E-05	0	1.54E-05	1.52E-05	2.27E-07	9.91E-06	0	9.91E-06	1.52E-05	-5.31E-06
COURSE GRID	388000.0	3734500.0	1.69E-05	0	1.69E-05	1.69E-05	6.00E-08	1.10E-05	0	1.10E-05	1.69E-05	-5.89E-06
COURSE GRID	388500.0	3734500.0	1.52E-05	0	1.52E-05	1.44E-05	7.40E-07	9.09E-06	0	9.09E-06	1.44E-05	-5.32E-06
COURSE GRID	389000.0	3734500.0	1.42E-05	0	1.42E-05	1.34E-05	8.40E-07	7.98E-06	0	7.98E-06	1.34E-05	-5.40E-06
COURSE GRID	389500.0	3734500.0	1.34E-05	0	1.34E-05	1.29E-05	5.50E-07	7.23E-06	0	7.23E-06	1.29E-05	-5.63E-06
COURSE GRID	390000.0	3734500.0	1.28E-05	0	1.28E-05	1.26E-05	2.20E-07	6.71E-06	0	6.71E-06	1.26E-05	-5.85E-06
COURSE GRID	390500.0	3734500.0	1.21E-05	0	1.21E-05	1.22E-05	-8.50E-08	6.27E-06	0	6.27E-06	1.22E-05	-5.92E-06
COURSE GRID	391000.0	3734500.0	1.14E-05	0	1.14E-05	1.16E-05	-2.17E-07	5.83E-06	0	5.83E-06	1.16E-05	-5.75E-06
COURSE GRID	391500.0	3734500.0	1.06E-05	0	1.06E-05	1.08E-05	-1.58E-07	5.40E-06	0	5.40E-06	1.08E-05	-5.37E-06
COURSE GRID	392000.0	3734500.0	9.85E-06	0	9.85E-06	9.83E-06	1.80E-08	4.96E-06	0	4.96E-06	9.83E-06	-4.87E-06
COURSE GRID	392500.0	3734500.0	9.12E-06	0	9.12E-06	8.85E-06	2.72E-07	4.53E-06	0	4.53E-06	8.85E-06	-4.32E-06
COURSE GRID	393000.0	3734500.0	8.43E-06	0	8.43E-06	7.91E-06	5.24E-07	4.12E-06	0	4.12E-06	7.91E-06	-3.79E-06
COURSE GRID	393500.0	3734500.0	7.82E-06	0	7.82E-06	7.07E-06	7.53E-07	3.76E-06	0	3.76E-06	7.07E-06	-3.31E-06
COURSE GRID	377000.0	3735000.0	2.60E-06	0	2.60E-06	1.76E-06	8.45E-07	1.07E-06	0	1.07E-06	1.76E-06	-6.85E-07

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE
COURSE GRID	381000.0	3735500.0	6.71E-06	7.43E-06	7.28E-07	3.21E-06	7.43E-06	3.21E-06	7.43E-06	7.43E-06	-4.22E-06
COURSE GRID	381500.0	3735500.0	7.60E-06	9.62E-06	-2.02E-06	3.61E-06	9.62E-06	3.61E-06	9.62E-06	9.62E-06	-6.01E-06
COURSE GRID	382000.0	3735500.0	8.51E-06	1.32E-05	-4.69E-06	4.02E-06	1.32E-05	4.02E-06	1.32E-05	1.32E-05	-9.17E-06
COURSE GRID	382500.0	3735500.0	9.52E-06	2.00E-05	-1.05E-05	4.43E-06	2.00E-05	4.43E-06	2.00E-05	2.00E-05	-1.56E-05
COURSE GRID	383000.0	3735500.0	1.05E-05	3.46E-05	-2.41E-05	4.73E-06	3.46E-05	4.73E-06	3.46E-05	3.46E-05	-2.99E-05
COURSE GRID	383500.0	3735500.0	1.60E-05	8.53E-05	-6.93E-05	6.44E-06	8.53E-05	6.44E-06	8.53E-05	8.53E-05	-7.89E-05
COURSE GRID	384000.0	3735500.0	1.10E-05	4.18E-05	-3.08E-05	4.88E-06	4.18E-05	4.88E-06	4.18E-05	4.18E-05	-3.70E-05
COURSE GRID	384500.0	3735500.0	8.10E-06	1.43E-05	-6.24E-06	4.03E-06	1.43E-05	4.03E-06	1.43E-05	1.43E-05	-1.03E-05
COURSE GRID	385000.0	3735500.0	8.11E-06	1.07E-05	-2.63E-06	4.18E-06	1.07E-05	4.18E-06	1.07E-05	1.07E-05	-6.55E-06
COURSE GRID	385500.0	3735500.0	8.49E-06	9.47E-06	-9.78E-07	4.54E-06	9.47E-06	4.54E-06	9.47E-06	9.47E-06	-4.93E-06
COURSE GRID	386000.0	3735500.0	9.12E-06	9.33E-06	-2.15E-07	5.09E-06	9.33E-06	5.09E-06	9.33E-06	9.33E-06	-4.24E-06
COURSE GRID	386500.0	3735500.0	1.03E-05	1.05E-05	-1.23E-07	6.12E-06	1.05E-05	6.12E-06	1.05E-05	1.05E-05	-4.35E-06
COURSE GRID	387000.0	3735500.0	1.28E-05	1.41E-05	-1.31E-06	8.54E-06	1.41E-05	8.54E-06	1.41E-05	1.41E-05	-5.53E-06
COURSE GRID	387500.0	3735500.0	1.65E-05	1.94E-05	-2.95E-06	1.19E-05	1.94E-05	1.19E-05	1.94E-05	1.94E-05	-7.50E-06
COURSE GRID	388000.0	3735500.0	1.24E-05	1.38E-05	-1.45E-06	7.61E-06	1.38E-05	7.61E-06	1.38E-05	1.38E-05	-6.21E-06
COURSE GRID	388500.0	3735500.0	1.14E-05	1.34E-05	-1.99E-06	6.40E-06	1.34E-05	6.40E-06	1.34E-05	1.34E-05	-6.96E-06
COURSE GRID	389000.0	3735500.0	1.14E-05	1.43E-05	-2.87E-06	6.15E-06	1.43E-05	6.15E-06	1.43E-05	1.43E-05	-8.10E-06
COURSE GRID	389500.0	3735500.0	1.17E-05	1.49E-05	-3.27E-06	6.13E-06	1.49E-05	6.13E-06	1.49E-05	1.49E-05	-8.79E-06
COURSE GRID	390000.0	3735500.0	1.14E-05	1.43E-05	-2.93E-06	5.85E-06	1.43E-05	5.85E-06	1.43E-05	1.43E-05	-8.48E-06
COURSE GRID	390500.0	3735500.0	1.09E-05	1.30E-05	-2.09E-06	5.47E-06	1.30E-05	5.47E-06	1.30E-05	1.30E-05	-7.51E-06
COURSE GRID	391000.0	3735500.0	1.03E-05	1.14E-05	-1.13E-06	5.03E-06	1.14E-05	5.03E-06	1.14E-05	1.14E-05	-6.36E-06
COURSE GRID	391500.0	3735500.0	9.63E-06	9.86E-06	-2.28E-07	4.62E-06	9.86E-06	4.62E-06	9.86E-06	9.86E-06	-5.24E-06
COURSE GRID	392000.0	3735500.0	9.02E-06	8.55E-06	4.64E-07	4.26E-06	8.55E-06	4.26E-06	8.55E-06	8.55E-06	-4.30E-06
COURSE GRID	392500.0	3735500.0	8.42E-06	7.48E-06	9.43E-07	3.93E-06	7.48E-06	3.93E-06	7.48E-06	7.48E-06	-3.55E-06
COURSE GRID	393000.0	3735500.0	7.88E-06	6.61E-06	1.27E-06	3.64E-06	6.61E-06	3.64E-06	6.61E-06	6.61E-06	-2.97E-06
COURSE GRID	393500.0	3735500.0	7.39E-06	5.90E-06	1.48E-06	3.39E-06	5.90E-06	3.39E-06	5.90E-06	5.90E-06	-2.51E-06
COURSE GRID	377000.0	3736000.0	2.42E-06	1.63E-06	7.95E-07	1.00E-06	1.63E-06	1.00E-06	1.63E-06	1.63E-06	-6.22E-07
COURSE GRID	377500.0	3736000.0	2.67E-06	1.83E-06	8.37E-07	1.11E-06	1.83E-06	1.11E-06	1.83E-06	1.83E-06	-7.22E-07
COURSE GRID	378000.0	3736000.0	3.17E-06	2.22E-06	9.50E-07	1.33E-06	2.22E-06	1.33E-06	2.22E-06	2.22E-06	-8.87E-07
COURSE GRID	378500.0	3736000.0	3.67E-06	2.76E-06	9.11E-07	1.56E-06	2.76E-06	1.56E-06	2.76E-06	2.76E-06	-1.19E-06
COURSE GRID	379000.0	3736000.0	4.15E-06	3.55E-06	6.05E-07	1.81E-06	3.55E-06	1.81E-06	3.55E-06	3.55E-06	-1.74E-06
COURSE GRID	379500.0	3736000.0	4.56E-06	4.40E-06	1.58E-07	2.07E-06	4.40E-06	2.07E-06	4.40E-06	4.40E-06	-2.33E-06
COURSE GRID	380000.0	3736000.0	4.97E-06	5.21E-06	-2.44E-07	2.32E-06	5.21E-06	2.32E-06	5.21E-06	5.21E-06	-2.89E-06
COURSE GRID	380500.0	3736000.0	5.47E-06	6.04E-06	-5.71E-07	2.58E-06	6.04E-06	2.58E-06	6.04E-06	6.04E-06	-3.46E-06
COURSE GRID	381000.0	3736000.0	6.10E-06	7.06E-06	-9.65E-07	2.89E-06	7.06E-06	2.89E-06	7.06E-06	7.06E-06	-4.17E-06
COURSE GRID	381500.0	3736000.0	6.65E-06	8.53E-06	-1.87E-06	3.15E-06	8.53E-06	3.15E-06	8.53E-06	8.53E-06	-5.37E-06
COURSE GRID	382000.0	3736000.0	7.17E-06	1.09E-06	-3.69E-06	3.40E-06	1.09E-06	3.40E-06	1.09E-06	1.09E-06	-7.45E-06
COURSE GRID	382500.0	3736000.0	7.82E-06	1.34E-05	-5.57E-06	3.72E-06	1.34E-05	3.72E-06	1.34E-05	1.34E-05	-9.68E-06
COURSE GRID	383000.0	3736000.0	8.10E-06	1.87E-05	-1.06E-05	3.85E-06	1.87E-05	3.85E-06	1.87E-05	1.87E-05	-1.49E-05
COURSE GRID	383500.0	3736000.0	9.15E-06	2.81E-05	-1.89E-05	4.22E-06	2.81E-05	4.22E-06	2.81E-05	2.81E-05	-2.39E-05

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION		
			TOTAL	CEQA	NEPA	TOTAL	CEQA	NEPA
			IMPACT	BASELINE	IMPACT	IMPACT	BASELINE	IMPACT
COURSE GRID	384000.0	3736000.0	8.99E-06	2.69E-05	-1.79E-05	4.26E-06	2.69E-05	-2.26E-05
COURSE GRID	384500.0	3736000.0	7.73E-06	1.37E-05	-5.96E-06	3.99E-06	1.37E-05	-9.71E-06
COURSE GRID	385000.0	3736000.0	7.57E-06	9.58E-06	-2.01E-06	4.04E-06	9.58E-06	-5.55E-06
COURSE GRID	385500.0	3736000.0	7.85E-06	8.54E-06	-6.92E-07	4.29E-06	8.54E-06	-4.25E-06
COURSE GRID	386000.0	3736000.0	8.57E-06	8.83E-06	-2.63E-07	4.91E-06	8.83E-06	-3.92E-06
COURSE GRID	386500.0	3736000.0	9.92E-06	1.06E-05	-6.70E-07	6.10E-06	1.06E-05	-4.49E-06
COURSE GRID	387000.0	3736000.0	1.26E-05	1.48E-05	-2.13E-06	8.70E-06	1.48E-05	-6.07E-06
COURSE GRID	387500.0	3736000.0	1.56E-05	1.90E-05	-3.43E-06	1.12E-05	1.90E-05	-7.83E-06
COURSE GRID	388000.0	3736000.0	1.19E-05	1.56E-05	-3.66E-06	7.13E-06	1.56E-05	-8.42E-06
COURSE GRID	388500.0	3736000.0	1.16E-05	1.68E-05	-5.13E-06	6.51E-06	1.68E-05	-1.03E-05
COURSE GRID	389000.0	3736000.0	1.17E-05	1.76E-05	-5.92E-06	6.35E-06	1.76E-05	-1.13E-05
COURSE GRID	389500.0	3736000.0	1.12E-05	1.64E-05	-5.18E-06	5.91E-06	1.64E-05	-1.05E-05
COURSE GRID	390000.0	3736000.0	1.05E-05	1.42E-05	-3.74E-06	5.35E-06	1.42E-05	-8.84E-06
COURSE GRID	390500.0	3736000.0	9.68E-06	1.18E-05	-2.15E-06	4.81E-06	1.18E-05	-7.02E-06
COURSE GRID	391000.0	3736000.0	9.03E-06	9.87E-06	-8.38E-07	4.37E-06	9.87E-06	-5.50E-06
COURSE GRID	391500.0	3736000.0	8.51E-06	8.38E-06	1.30E-07	4.02E-06	8.38E-06	-4.36E-06
COURSE GRID	392000.0	3736000.0	8.08E-06	7.27E-06	8.15E-07	3.73E-06	7.27E-06	-3.54E-06
COURSE GRID	392500.0	3736000.0	7.71E-06	6.41E-06	1.30E-06	3.50E-06	6.41E-06	-2.91E-06
COURSE GRID	393000.0	3736000.0	7.36E-06	5.75E-06	1.61E-06	3.30E-06	5.75E-06	-2.45E-06
COURSE GRID	393500.0	3736000.0	7.01E-06	5.22E-06	1.80E-06	3.12E-06	5.22E-06	-2.10E-06
COURSE GRID	377000.0	3736500.0	2.42E-06	1.70E-06	7.26E-07	9.97E-07	1.70E-06	-7.00E-07
COURSE GRID	377500.0	3736500.0	2.67E-06	1.89E-06	7.73E-07	1.11E-06	1.89E-06	-7.86E-07
COURSE GRID	378000.0	3736500.0	3.20E-06	2.42E-06	7.78E-07	1.34E-06	2.42E-06	-1.07E-06
COURSE GRID	378500.0	3736500.0	3.62E-06	3.11E-06	5.12E-07	1.55E-06	3.11E-06	-1.56E-06
COURSE GRID	379000.0	3736500.0	3.88E-06	3.63E-06	2.48E-07	1.70E-06	3.63E-06	-1.93E-06
COURSE GRID	379500.0	3736500.0	4.09E-06	4.08E-06	1.80E-08	1.86E-06	4.08E-06	-2.22E-06
COURSE GRID	380000.0	3736500.0	4.58E-06	4.64E-06	-6.10E-08	2.12E-06	4.64E-06	-2.92E-06
COURSE GRID	380500.0	3736500.0	4.84E-06	5.18E-06	-3.36E-07	2.25E-06	5.18E-06	-2.92E-06
COURSE GRID	381000.0	3736500.0	5.16E-06	6.09E-06	-9.32E-07	2.39E-06	6.09E-06	-3.69E-06
COURSE GRID	381500.0	3736500.0	5.86E-06	7.27E-06	-1.41E-06	2.78E-06	7.27E-06	-4.49E-06
COURSE GRID	382000.0	3736500.0	6.22E-06	8.16E-06	-1.93E-06	2.98E-06	8.16E-06	-5.17E-06
COURSE GRID	382500.0	3736500.0	6.66E-06	9.86E-06	-3.20E-06	3.20E-06	9.86E-06	-6.66E-06
COURSE GRID	383000.0	3736500.0	7.03E-06	1.34E-05	-6.39E-06	3.41E-06	1.34E-05	-1.00E-05
COURSE GRID	383500.0	3736500.0	7.82E-06	1.77E-05	-9.89E-06	3.97E-06	1.77E-05	-1.37E-05
COURSE GRID	384000.0	3736500.0	8.59E-06	2.10E-05	-1.24E-05	4.54E-06	2.10E-05	-1.64E-05
COURSE GRID	384500.0	3736500.0	7.39E-06	1.35E-05	-6.11E-06	3.87E-06	1.35E-05	-9.63E-06
COURSE GRID	385000.0	3736500.0	6.97E-06	8.75E-06	-1.78E-06	3.70E-06	8.75E-06	-5.05E-06
COURSE GRID	385500.0	3736500.0	7.20E-06	7.72E-06	-5.16E-07	3.95E-06	7.72E-06	-3.77E-06
COURSE GRID	386000.0	3736500.0	7.87E-06	8.27E-06	-4.01E-07	4.53E-06	8.27E-06	-3.74E-06
COURSE GRID	386500.0	3736500.0	9.74E-06	1.11E-05	-1.37E-06	6.19E-06	1.11E-05	-4.93E-06

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION				REDUCED PROJECT - WITH MITIGATION					
			TOTAL	CEQA	NEPA	NEPA	TOTAL	CEQA	NEPA	NEPA		
			IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE		
COURSE GRID	387000.0	3736500.0	1.18E-05	0	1.18E-05	1.45E-05	-2.74E-06	7.86E-06	0	7.86E-06	1.45E-05	-6.63E-06
COURSE GRID	387500.0	3736500.0	1.37E-05	0	1.37E-05	1.90E-05	-5.35E-06	9.12E-06	0	9.12E-06	1.90E-05	-9.89E-06
COURSE GRID	388000.0	3736500.0	1.28E-05	0	1.28E-05	2.09E-05	-8.09E-06	7.63E-06	0	7.63E-06	2.09E-05	-1.33E-05
COURSE GRID	388500.0	3736500.0	1.31E-05	0	1.31E-05	2.33E-05	-1.02E-05	7.39E-06	0	7.39E-06	2.33E-05	-1.59E-05
COURSE GRID	389000.0	3736500.0	1.18E-05	0	1.18E-05	2.03E-05	-8.48E-06	6.44E-06	0	6.44E-06	2.03E-05	-1.39E-05
COURSE GRID	389500.0	3736500.0	1.03E-05	0	1.03E-05	1.58E-05	-5.52E-06	5.40E-06	0	5.40E-06	1.58E-05	-1.04E-05
COURSE GRID	390000.0	3736500.0	8.93E-06	0	8.93E-06	1.20E-05	-3.02E-06	4.52E-06	0	4.52E-06	1.20E-05	-7.43E-06
COURSE GRID	390500.0	3736500.0	8.21E-06	0	8.21E-06	9.50E-06	-1.29E-06	4.02E-06	0	4.02E-06	9.50E-06	-5.48E-06
COURSE GRID	391000.0	3736500.0	7.68E-06	0	7.68E-06	7.81E-06	-1.27E-07	3.65E-06	0	3.65E-06	7.81E-06	-4.16E-06
COURSE GRID	391500.0	3736500.0	7.33E-06	0	7.33E-06	6.70E-06	6.25E-07	3.40E-06	0	3.40E-06	6.70E-06	-3.30E-06
COURSE GRID	392000.0	3736500.0	7.06E-06	0	7.06E-06	5.92E-06	1.14E-06	3.21E-06	0	3.21E-06	5.92E-06	-2.71E-06
COURSE GRID	392500.0	3736500.0	6.59E-06	0	6.59E-06	5.07E-06	1.52E-06	2.93E-06	0	2.93E-06	5.07E-06	-2.14E-06
COURSE GRID	393000.0	3736500.0	6.40E-06	0	6.40E-06	4.66E-06	1.74E-06	2.81E-06	0	2.81E-06	4.66E-06	-1.84E-06
COURSE GRID	393500.0	3736500.0	6.22E-06	0	6.22E-06	4.33E-06	1.89E-06	2.71E-06	0	2.71E-06	4.33E-06	-1.62E-06
COURSE GRID	377000.0	3737000.0	2.34E-06	0	2.34E-06	1.72E-06	6.21E-07	9.65E-07	0	9.65E-07	1.72E-06	-7.56E-07
COURSE GRID	377500.0	3737000.0	2.66E-06	0	2.66E-06	1.95E-06	7.13E-07	1.10E-06	0	1.10E-06	1.95E-06	-8.51E-07
COURSE GRID	378000.0	3737000.0	3.18E-06	0	3.18E-06	2.48E-06	7.03E-07	1.34E-06	0	1.34E-06	2.48E-06	-1.14E-06
COURSE GRID	378500.0	3737000.0	3.36E-06	0	3.36E-06	2.78E-06	5.83E-07	1.44E-06	0	1.44E-06	2.78E-06	-1.34E-06
COURSE GRID	379000.0	3737000.0	3.63E-06	0	3.63E-06	3.32E-06	3.01E-07	1.61E-06	0	1.61E-06	3.32E-06	-1.71E-06
COURSE GRID	379500.0	3737000.0	3.95E-06	0	3.95E-06	3.79E-06	1.60E-07	1.80E-06	0	1.80E-06	3.79E-06	-1.99E-06
COURSE GRID	380000.0	3737000.0	4.25E-06	0	4.25E-06	4.36E-06	-1.16E-07	1.96E-06	0	1.96E-06	4.36E-06	-2.40E-06
COURSE GRID	380500.0	3737000.0	4.43E-06	0	4.43E-06	4.73E-06	-3.03E-07	2.03E-06	0	2.03E-06	4.73E-06	-2.69E-06
COURSE GRID	381000.0	3737000.0	4.70E-06	0	4.70E-06	5.13E-06	-4.33E-07	2.18E-06	0	2.18E-06	5.13E-06	-2.95E-06
COURSE GRID	381500.0	3737000.0	5.27E-06	0	5.27E-06	5.98E-06	-7.07E-07	2.52E-06	0	2.52E-06	5.98E-06	-3.47E-06
COURSE GRID	382000.0	3737000.0	5.58E-06	0	5.58E-06	6.79E-06	-1.21E-06	2.69E-06	0	2.69E-06	6.79E-06	-4.09E-06
COURSE GRID	382500.0	3737000.0	5.95E-06	0	5.95E-06	8.37E-06	-2.43E-06	2.89E-06	0	2.89E-06	8.37E-06	-5.48E-06
COURSE GRID	383000.0	3737000.0	6.58E-06	0	6.58E-06	1.13E-05	-4.74E-06	3.36E-06	0	3.36E-06	1.13E-05	-7.96E-06
COURSE GRID	383500.0	3737000.0	2.05E-05	0	2.05E-05	5.77E-05	-3.73E-05	1.50E-05	0	1.50E-05	5.77E-05	-4.27E-05
COURSE GRID	384000.0	3737000.0	7.02E-06	0	7.02E-06	1.40E-05	-6.97E-06	3.59E-06	0	3.59E-06	1.40E-05	-1.04E-05
COURSE GRID	384500.0	3737000.0	6.53E-06	0	6.53E-06	1.04E-05	-3.83E-06	3.33E-06	0	3.33E-06	1.04E-05	-7.03E-06
COURSE GRID	385000.0	3737000.0	6.50E-06	0	6.50E-06	8.89E-06	-2.39E-06	3.39E-06	0	3.39E-06	8.89E-06	-5.50E-06
COURSE GRID	385500.0	3737000.0	6.71E-06	0	6.71E-06	7.41E-06	-7.04E-07	3.64E-06	0	3.64E-06	7.41E-06	-3.77E-06
COURSE GRID	386000.0	3737000.0	7.45E-06	0	7.45E-06	8.15E-06	-7.00E-07	4.28E-06	0	4.28E-06	8.15E-06	-3.87E-06
COURSE GRID	386500.0	3737000.0	9.22E-06	0	9.22E-06	1.12E-05	-1.97E-06	5.87E-06	0	5.87E-06	1.12E-05	-5.32E-06
COURSE GRID	387000.0	3737000.0	1.33E-05	0	1.33E-05	1.90E-05	-5.64E-06	9.50E-06	0	9.50E-06	1.90E-05	-9.48E-06
COURSE GRID	387500.0	3737000.0	1.48E-05	0	1.48E-05	2.62E-05	-1.14E-05	9.59E-06	0	9.59E-06	2.62E-05	-1.66E-05
COURSE GRID	388000.0	3737000.0	1.57E-05	0	1.57E-05	3.20E-05	-1.63E-05	9.33E-06	0	9.33E-06	3.20E-05	-2.27E-05
COURSE GRID	388500.0	3737000.0	1.34E-05	0	1.34E-05	2.60E-05	-1.26E-05	7.52E-06	0	7.52E-06	2.60E-05	-1.84E-05
COURSE GRID	389000.0	3737000.0	1.01E-05	0	1.01E-05	1.68E-05	-6.67E-06	5.40E-06	0	5.40E-06	1.68E-05	-1.14E-05
COURSE GRID	389500.0	3737000.0	8.19E-06	0	8.19E-06	1.14E-05	-3.17E-06	4.17E-06	0	4.17E-06	1.14E-05	-7.19E-06

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION				REDUCED PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	390000.0	3737000.0	7.17E-06	0	7.17E-06	8.45E-06	-1.28E-06	3.52E-06	8.45E-06	-4.93E-06		
COURSE GRID	390500.0	3737000.0	6.59E-06	0	6.59E-06	6.80E-06	-2.15E-07	3.12E-06	6.80E-06	-3.68E-06		
COURSE GRID	391000.0	3737000.0	6.25E-06	0	6.25E-06	5.77E-06	4.77E-07	2.89E-06	5.77E-06	-2.88E-06		
COURSE GRID	391500.0	3737000.0	6.03E-06	0	6.03E-06	5.09E-06	9.45E-07	2.74E-06	5.09E-06	-2.35E-06		
COURSE GRID	392000.0	3737000.0	5.90E-06	0	5.90E-06	4.59E-06	1.30E-06	2.63E-06	4.59E-06	-1.97E-06		
COURSE GRID	392500.0	3737000.0	5.80E-06	0	5.80E-06	4.25E-06	1.55E-06	2.56E-06	4.25E-06	-1.69E-06		
COURSE GRID	393000.0	3737000.0	5.72E-06	0	5.72E-06	3.97E-06	1.75E-06	2.49E-06	3.97E-06	-1.49E-06		
COURSE GRID	393500.0	3737000.0	5.63E-06	0	5.63E-06	3.73E-06	1.90E-06	2.42E-06	3.73E-06	-1.31E-06		
COURSE GRID	377000.0	3737500.0	2.52E-06	0	2.52E-06	1.74E-06	7.81E-07	1.03E-06	1.74E-06	-7.07E-07		
COURSE GRID	377500.0	3737500.0	2.77E-06	0	2.77E-06	2.03E-06	7.49E-07	1.15E-06	2.03E-06	-8.75E-07		
COURSE GRID	378000.0	3737500.0	3.09E-06	0	3.09E-06	2.46E-06	6.22E-07	1.31E-06	2.46E-06	-1.15E-06		
COURSE GRID	378500.0	3737500.0	3.18E-06	0	3.18E-06	2.69E-06	4.96E-07	1.38E-06	2.69E-06	-1.31E-06		
COURSE GRID	379000.0	3737500.0	3.27E-06	0	3.27E-06	2.89E-06	3.78E-07	1.43E-06	2.89E-06	-1.46E-06		
COURSE GRID	379500.0	3737500.0	3.50E-06	0	3.50E-06	3.28E-06	2.26E-07	1.55E-06	3.28E-06	-1.72E-06		
COURSE GRID	380000.0	3737500.0	3.86E-06	0	3.86E-06	3.77E-06	9.60E-08	1.76E-06	3.77E-06	-2.01E-06		
COURSE GRID	380500.0	3737500.0	4.06E-06	0	4.06E-06	3.97E-06	8.30E-08	1.85E-06	3.97E-06	-2.12E-06		
COURSE GRID	381000.0	3737500.0	4.38E-06	0	4.38E-06	4.55E-06	-1.65E-07	2.04E-06	4.55E-06	-2.51E-06		
COURSE GRID	381500.0	3737500.0	4.66E-06	0	4.66E-06	5.01E-06	-3.52E-07	2.21E-06	5.01E-06	-2.80E-06		
COURSE GRID	382000.0	3737500.0	5.03E-06	0	5.03E-06	6.02E-06	-9.89E-07	2.42E-06	6.02E-06	-3.60E-06		
COURSE GRID	382500.0	3737500.0	5.42E-06	0	5.42E-06	7.45E-06	-2.03E-06	2.67E-06	7.45E-06	-4.78E-06		
COURSE GRID	383000.0	3737500.0	6.28E-06	0	6.28E-06	1.04E-05	-4.08E-06	3.33E-06	1.04E-05	-7.03E-06		
COURSE GRID	383500.0	3737500.0	5.90E-06	0	5.90E-06	9.43E-06	-3.53E-06	2.97E-06	9.43E-06	-6.46E-06		
COURSE GRID	384000.0	3737500.0	5.90E-06	0	5.90E-06	9.81E-06	-3.91E-06	2.93E-06	9.81E-06	-6.88E-06		
COURSE GRID	384500.0	3737500.0	6.00E-06	0	6.00E-06	9.02E-06	-3.02E-06	3.04E-06	9.02E-06	-5.98E-06		
COURSE GRID	385000.0	3737500.0	6.12E-06	0	6.12E-06	8.14E-06	-2.02E-06	3.17E-06	8.14E-06	-4.97E-06		
COURSE GRID	385500.0	3737500.0	6.46E-06	0	6.46E-06	8.17E-06	-1.71E-06	3.46E-06	8.17E-06	-4.72E-06		
COURSE GRID	386000.0	3737500.0	7.12E-06	0	7.12E-06	8.56E-06	-1.44E-06	4.02E-06	8.56E-06	-4.54E-06		
COURSE GRID	386500.0	3737500.0	8.97E-06	0	8.97E-06	1.18E-05	-2.87E-06	5.61E-06	1.18E-05	-6.23E-06		
COURSE GRID	387000.0	3737500.0	2.26E-05	0	2.26E-05	5.59E-05	-3.33E-05	1.71E-05	5.59E-05	-3.88E-05		
COURSE GRID	387500.0	3737500.0	1.75E-05	0	1.75E-05	3.91E-05	-2.16E-05	1.05E-05	3.91E-05	-2.87E-05		
COURSE GRID	388000.0	3737500.0	1.50E-05	0	1.50E-05	3.08E-05	-1.58E-05	8.93E-06	3.08E-05	-2.19E-05		
COURSE GRID	388500.0	3737500.0	9.73E-06	0	9.73E-06	1.60E-05	-6.30E-06	5.35E-06	1.60E-05	-1.07E-05		
COURSE GRID	389000.0	3737500.0	7.43E-06	0	7.43E-06	9.93E-06	-2.50E-06	3.81E-06	9.93E-06	-6.12E-06		
COURSE GRID	389500.0	3737500.0	6.48E-06	0	6.48E-06	7.37E-06	-8.86E-07	3.17E-06	7.37E-06	-4.20E-06		
COURSE GRID	390000.0	3737500.0	5.98E-06	0	5.98E-06	6.04E-06	-6.00E-08	2.83E-06	6.04E-06	-3.21E-06		
COURSE GRID	390500.0	3737500.0	5.67E-06	0	5.67E-06	5.20E-06	4.72E-07	2.63E-06	5.20E-06	-2.57E-06		
COURSE GRID	391000.0	3737500.0	5.47E-06	0	5.47E-06	4.64E-06	8.35E-07	2.48E-06	4.64E-06	-2.15E-06		
COURSE GRID	391500.0	3737500.0	5.34E-06	0	5.34E-06	4.23E-06	1.11E-06	2.38E-06	4.23E-06	-1.85E-06		
COURSE GRID	392000.0	3737500.0	5.26E-06	0	5.26E-06	3.96E-06	1.30E-06	2.32E-06	3.96E-06	-1.64E-06		
COURSE GRID	392500.0	3737500.0	5.20E-06	0	5.20E-06	3.74E-06	1.46E-06	2.26E-06	3.74E-06	-1.48E-06		

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	393000.0	3737500.0	5.14E-06	0	5.14E-06	3.54E-06	1.61E-06	2.21E-06	0	2.21E-06	3.54E-06	-1.33E-06
COURSE GRID	393500.0	3737500.0	5.08E-06	0	5.08E-06	3.35E-06	1.73E-06	2.16E-06	0	2.16E-06	3.35E-06	-1.20E-06
COURSE GRID	377000.0	3738000.0	2.48E-06	0	2.48E-06	1.74E-06	7.33E-07	1.02E-06	0	1.02E-06	1.74E-06	-7.27E-07
COURSE GRID	377500.0	3738000.0	2.63E-06	0	2.63E-06	1.93E-06	6.94E-07	1.09E-06	0	1.09E-06	1.93E-06	-8.40E-07
COURSE GRID	378000.0	3738000.0	2.74E-06	0	2.74E-06	2.16E-06	5.82E-07	1.16E-06	0	1.16E-06	2.16E-06	-9.97E-07
COURSE GRID	378500.0	3738000.0	2.74E-06	0	2.74E-06	2.28E-06	4.62E-07	1.17E-06	0	1.17E-06	2.28E-06	-1.11E-06
COURSE GRID	379000.0	3738000.0	3.07E-06	0	3.07E-06	2.60E-06	4.63E-07	1.34E-06	0	1.34E-06	2.60E-06	-1.27E-06
COURSE GRID	379500.0	3738000.0	3.55E-06	0	3.55E-06	3.26E-06	2.91E-07	1.61E-06	0	1.61E-06	3.26E-06	-1.65E-06
COURSE GRID	380000.0	3738000.0	3.89E-06	0	3.89E-06	3.65E-06	2.38E-07	1.80E-06	0	1.80E-06	3.65E-06	-1.86E-06
COURSE GRID	380500.0	3738000.0	3.80E-06	0	3.80E-06	3.66E-06	1.38E-07	1.74E-06	0	1.74E-06	3.66E-06	-1.92E-06
COURSE GRID	381000.0	3738000.0	4.15E-06	0	4.15E-06	4.07E-06	8.20E-08	1.95E-06	0	1.95E-06	4.07E-06	-2.12E-06
COURSE GRID	381500.0	3738000.0	4.31E-06	0	4.31E-06	4.68E-06	-3.61E-07	2.04E-06	0	2.04E-06	4.68E-06	-2.63E-06
COURSE GRID	382000.0	3738000.0	4.61E-06	0	4.61E-06	5.43E-06	-8.22E-07	2.23E-06	0	2.23E-06	5.43E-06	-3.20E-06
COURSE GRID	382500.0	3738000.0	4.94E-06	0	4.94E-06	6.51E-06	-1.57E-06	2.45E-06	0	2.45E-06	6.51E-06	-4.06E-06
COURSE GRID	383000.0	3738000.0	5.22E-06	0	5.22E-06	7.19E-06	-1.97E-06	2.59E-06	0	2.59E-06	7.19E-06	-4.60E-06
COURSE GRID	383500.0	3738000.0	5.24E-06	0	5.24E-06	7.41E-06	-2.17E-06	2.59E-06	0	2.59E-06	7.41E-06	-4.82E-06
COURSE GRID	384000.0	3738000.0	5.33E-06	0	5.33E-06	7.87E-06	-2.54E-06	2.65E-06	0	2.65E-06	7.87E-06	-5.22E-06
COURSE GRID	384500.0	3738000.0	5.52E-06	0	5.52E-06	8.03E-06	-2.51E-06	2.77E-06	0	2.77E-06	8.03E-06	-5.26E-06
COURSE GRID	385000.0	3738000.0	5.76E-06	0	5.76E-06	7.65E-06	-1.89E-06	2.95E-06	0	2.95E-06	7.65E-06	-4.70E-06
COURSE GRID	385500.0	3738000.0	6.27E-06	0	6.27E-06	8.45E-06	-2.18E-06	3.32E-06	0	3.32E-06	8.45E-06	-5.13E-06
COURSE GRID	386000.0	3738000.0	7.20E-06	0	7.20E-06	1.02E-05	-2.95E-06	4.03E-06	0	4.03E-06	1.02E-05	-6.12E-06
COURSE GRID	386500.0	3738000.0	9.52E-06	0	9.52E-06	1.61E-05	-6.61E-06	5.67E-06	0	5.67E-06	1.61E-05	-1.05E-05
COURSE GRID	387000.0	3738000.0	1.43E-05	0	1.43E-05	3.10E-05	-1.67E-05	8.21E-06	0	8.21E-06	3.10E-05	-2.28E-05
COURSE GRID	387500.0	3738000.0	9.36E-06	0	9.36E-06	1.39E-05	-4.57E-06	5.98E-06	0	5.98E-06	1.39E-05	-7.95E-06
COURSE GRID	388000.0	3738000.0	7.78E-06	0	7.78E-06	1.08E-05	-2.99E-06	4.32E-06	0	4.32E-06	1.08E-05	-6.45E-06
COURSE GRID	388500.0	3738000.0	6.49E-06	0	6.49E-06	7.68E-06	-1.19E-06	3.35E-06	0	3.35E-06	7.68E-06	-4.33E-06
COURSE GRID	389000.0	3738000.0	5.90E-06	0	5.90E-06	6.25E-06	-3.47E-07	2.90E-06	0	2.90E-06	6.25E-06	-3.35E-06
COURSE GRID	389500.0	3738000.0	5.48E-06	0	5.48E-06	5.28E-06	1.97E-07	2.60E-06	0	2.60E-06	5.28E-06	-2.68E-06
COURSE GRID	390000.0	3738000.0	5.23E-06	0	5.23E-06	4.67E-06	5.57E-07	2.41E-06	0	2.41E-06	4.67E-06	-2.26E-06
COURSE GRID	390500.0	3738000.0	5.05E-06	0	5.05E-06	4.22E-06	8.25E-07	2.29E-06	0	2.29E-06	4.22E-06	-1.93E-06
COURSE GRID	391000.0	3738000.0	4.94E-06	0	4.94E-06	3.92E-06	1.01E-06	2.20E-06	0	2.20E-06	3.92E-06	-1.72E-06
COURSE GRID	391500.0	3738000.0	4.84E-06	0	4.84E-06	3.66E-06	1.18E-06	2.13E-06	0	2.13E-06	3.66E-06	-1.53E-06
COURSE GRID	392000.0	3738000.0	4.78E-06	0	4.78E-06	3.45E-06	1.33E-06	2.08E-06	0	2.08E-06	3.45E-06	-1.38E-06
COURSE GRID	392500.0	3738000.0	4.72E-06	0	4.72E-06	3.28E-06	1.45E-06	2.03E-06	0	2.03E-06	3.28E-06	-1.24E-06
COURSE GRID	393000.0	3738000.0	4.68E-06	0	4.68E-06	3.13E-06	1.55E-06	2.00E-06	0	2.00E-06	3.13E-06	-1.13E-06
COURSE GRID	393500.0	3738000.0	4.66E-06	0	4.66E-06	3.03E-06	1.63E-06	1.97E-06	0	1.97E-06	3.03E-06	-1.06E-06
COURSE GRID	377000.0	3738500.0	2.41E-06	0	2.41E-06	1.72E-06	6.85E-07	9.91E-07	0	9.91E-07	1.72E-06	-7.31E-07
COURSE GRID	377500.0	3738500.0	2.65E-06	0	2.65E-06	2.16E-06	4.89E-07	1.12E-06	0	1.12E-06	2.16E-06	-1.05E-06
COURSE GRID	378000.0	3738500.0	2.65E-06	0	2.65E-06	2.22E-06	4.35E-07	1.13E-06	0	1.13E-06	2.22E-06	-1.08E-06
COURSE GRID	378500.0	3738500.0	2.88E-06	0	2.88E-06	2.40E-06	4.81E-07	1.25E-06	0	1.25E-06	2.40E-06	-1.15E-06

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	379000.0	3738500.0	3.03E-06	0	3.03E-06	2.51E-06	5.16E-07	1.32E-06	0	1.32E-06	2.51E-06	-1.19E-06
COURSE GRID	379500.0	3738500.0	3.26E-06	0	3.26E-06	2.87E-06	3.96E-07	1.46E-06	0	1.46E-06	2.87E-06	-1.40E-06
COURSE GRID	380000.0	3738500.0	3.61E-06	0	3.61E-06	3.29E-06	3.18E-07	1.65E-06	0	1.65E-06	3.29E-06	-1.64E-06
COURSE GRID	380500.0	3738500.0	3.78E-06	0	3.78E-06	3.48E-06	2.98E-07	1.75E-06	0	1.75E-06	3.48E-06	-1.73E-06
COURSE GRID	381000.0	3738500.0	3.97E-06	0	3.97E-06	3.96E-06	7.00E-09	1.86E-06	0	1.86E-06	3.96E-06	-2.10E-06
COURSE GRID	381500.0	3738500.0	4.03E-06	0	4.03E-06	4.30E-06	-2.71E-07	1.91E-06	0	1.91E-06	4.30E-06	-2.39E-06
COURSE GRID	382000.0	3738500.0	4.27E-06	0	4.27E-06	5.01E-06	-7.39E-07	2.05E-06	0	2.05E-06	5.01E-06	-2.96E-06
COURSE GRID	382500.0	3738500.0	4.42E-06	0	4.42E-06	5.44E-06	-1.02E-06	2.15E-06	0	2.15E-06	5.44E-06	-3.29E-06
COURSE GRID	383000.0	3738500.0	4.69E-06	0	4.69E-06	5.93E-06	-1.24E-06	2.29E-06	0	2.29E-06	5.93E-06	-3.64E-06
COURSE GRID	383500.0	3738500.0	4.81E-06	0	4.81E-06	6.36E-06	-1.55E-06	2.36E-06	0	2.36E-06	6.36E-06	-4.00E-06
COURSE GRID	384000.0	3738500.0	4.96E-06	0	4.96E-06	6.81E-06	-1.86E-06	2.45E-06	0	2.45E-06	6.81E-06	-4.36E-06
COURSE GRID	384500.0	3738500.0	5.17E-06	0	5.17E-06	7.48E-06	-2.32E-06	2.57E-06	0	2.57E-06	7.48E-06	-4.91E-06
COURSE GRID	385000.0	3738500.0	5.54E-06	0	5.54E-06	7.71E-06	-2.17E-06	2.82E-06	0	2.82E-06	7.71E-06	-4.89E-06
COURSE GRID	385500.0	3738500.0	6.16E-06	0	6.16E-06	8.80E-06	-2.64E-06	3.24E-06	0	3.24E-06	8.80E-06	-5.56E-06
COURSE GRID	386000.0	3738500.0	7.45E-06	0	7.45E-06	1.22E-05	-4.74E-06	4.10E-06	0	4.10E-06	1.22E-05	-8.09E-06
COURSE GRID	386500.0	3738500.0	9.19E-06	0	9.19E-06	1.67E-05	-7.53E-06	5.19E-06	0	5.19E-06	1.67E-05	-1.15E-05
COURSE GRID	387000.0	3738500.0	9.01E-06	0	9.01E-06	1.56E-05	-6.61E-06	5.11E-06	0	5.11E-06	1.56E-05	-1.05E-05
COURSE GRID	387500.0	3738500.0	6.69E-06	0	6.69E-06	8.48E-06	-1.79E-06	3.71E-06	0	3.71E-06	8.48E-06	-4.77E-06
COURSE GRID	388000.0	3738500.0	5.89E-06	0	5.89E-06	6.33E-06	-4.40E-07	3.12E-06	0	3.12E-06	6.33E-06	-3.21E-06
COURSE GRID	388500.0	3738500.0	5.48E-06	0	5.48E-06	5.39E-06	8.90E-08	2.76E-06	0	2.76E-06	5.39E-06	-2.64E-06
COURSE GRID	389000.0	3738500.0	5.11E-06	0	5.11E-06	4.62E-06	4.90E-07	2.45E-06	0	2.45E-06	4.62E-06	-2.17E-06
COURSE GRID	389500.0	3738500.0	4.86E-06	0	4.86E-06	4.13E-06	7.31E-07	2.25E-06	0	2.25E-06	4.13E-06	-1.88E-06
COURSE GRID	390000.0	3738500.0	4.70E-06	0	4.70E-06	3.80E-06	9.03E-07	2.14E-06	0	2.14E-06	3.80E-06	-1.66E-06
COURSE GRID	390500.0	3738500.0	4.59E-06	0	4.59E-06	3.56E-06	1.02E-06	2.05E-06	0	2.05E-06	3.56E-06	-1.52E-06
COURSE GRID	391000.0	3738500.0	4.51E-06	0	4.51E-06	3.37E-06	1.15E-06	1.98E-06	0	1.98E-06	3.37E-06	-1.39E-06
COURSE GRID	391500.0	3738500.0	4.45E-06	0	4.45E-06	3.21E-06	1.29E-06	1.93E-06	0	1.93E-06	3.21E-06	-1.28E-06
COURSE GRID	392000.0	3738500.0	4.41E-06	0	4.41E-06	3.08E-06	1.33E-06	1.89E-06	0	1.89E-06	3.08E-06	-1.18E-06
COURSE GRID	392500.0	3738500.0	4.36E-06	0	4.36E-06	2.96E-06	1.39E-06	1.86E-06	0	1.86E-06	2.96E-06	-1.11E-06
COURSE GRID	393000.0	3738500.0	4.31E-06	0	4.31E-06	2.83E-06	1.48E-06	1.82E-06	0	1.82E-06	2.83E-06	-1.01E-06
COURSE GRID	393500.0	3738500.0	4.30E-06	0	4.30E-06	2.75E-06	1.55E-06	1.80E-06	0	1.80E-06	2.75E-06	-9.52E-07
COURSE GRID	377000.0	3739000.0	2.60E-06	0	2.60E-06	2.17E-06	4.24E-07	1.10E-06	0	1.10E-06	2.17E-06	-1.07E-06
COURSE GRID	377500.0	3739000.0	2.77E-06	0	2.77E-06	2.38E-06	3.94E-07	1.21E-06	0	1.21E-06	2.38E-06	-1.17E-06
COURSE GRID	378000.0	3739000.0	2.73E-06	0	2.73E-06	2.29E-06	4.46E-07	1.18E-06	0	1.18E-06	2.29E-06	-1.10E-06
COURSE GRID	378500.0	3739000.0	2.87E-06	0	2.87E-06	2.37E-06	4.97E-07	1.26E-06	0	1.26E-06	2.37E-06	-1.11E-06
COURSE GRID	379000.0	3739000.0	3.01E-06	0	3.01E-06	2.54E-06	4.62E-07	1.33E-06	0	1.33E-06	2.54E-06	-1.21E-06
COURSE GRID	379500.0	3739000.0	3.24E-06	0	3.24E-06	2.85E-06	3.85E-07	1.46E-06	0	1.46E-06	2.85E-06	-1.39E-06
COURSE GRID	380000.0	3739000.0	3.48E-06	0	3.48E-06	3.08E-06	3.99E-07	1.60E-06	0	1.60E-06	3.08E-06	-1.48E-06
COURSE GRID	380500.0	3739000.0	3.59E-06	0	3.59E-06	3.38E-06	2.03E-07	1.66E-06	0	1.66E-06	3.38E-06	-1.72E-06
COURSE GRID	381000.0	3739000.0	3.71E-06	0	3.71E-06	3.70E-06	3.00E-09	1.74E-06	0	1.74E-06	3.70E-06	-1.97E-06
COURSE GRID	381500.0	3739000.0	3.84E-06	0	3.84E-06	4.08E-06	-2.42E-07	1.82E-06	0	1.82E-06	4.08E-06	-2.26E-06

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION							
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	382000.0	3739000.0	3.96E-06	0	3.96E-06	4.50E-06	5.41E-07	1.89E-06	0	1.89E-06	4.50E-06	4.50E-06	2.61E-06
COURSE GRID	382500.0	3739000.0	4.07E-06	0	4.07E-06	4.82E-06	-7.52E-07	1.96E-06	0	1.96E-06	4.82E-06	4.82E-06	-2.86E-06
COURSE GRID	383000.0	3739000.0	4.30E-06	0	4.30E-06	5.20E-06	-8.96E-07	2.08E-06	0	2.08E-06	5.20E-06	5.20E-06	-3.12E-06
COURSE GRID	383500.0	3739000.0	4.45E-06	0	4.45E-06	5.66E-06	-1.21E-06	2.16E-06	0	2.16E-06	5.66E-06	5.66E-06	-3.50E-06
COURSE GRID	384000.0	3739000.0	4.60E-06	0	4.60E-06	6.08E-06	-1.48E-06	2.25E-06	0	2.25E-06	6.08E-06	6.08E-06	-3.83E-06
COURSE GRID	384500.0	3739000.0	4.90E-06	0	4.90E-06	7.14E-06	-2.25E-06	2.43E-06	0	2.43E-06	7.14E-06	7.14E-06	-4.71E-06
COURSE GRID	385000.0	3739000.0	5.30E-06	0	5.30E-06	7.69E-06	-2.39E-06	2.69E-06	0	2.69E-06	7.69E-06	7.69E-06	-5.00E-06
COURSE GRID	385500.0	3739000.0	6.09E-06	0	6.09E-06	9.23E-06	-3.14E-06	3.20E-06	0	3.20E-06	9.23E-06	9.23E-06	-6.03E-06
COURSE GRID	386000.0	3739000.0	6.85E-06	0	6.85E-06	1.12E-05	-4.38E-06	3.68E-06	0	3.68E-06	1.12E-05	1.12E-05	-7.55E-06
COURSE GRID	386500.0	3739000.0	7.17E-06	0	7.17E-06	1.19E-05	-4.72E-06	3.88E-06	0	3.88E-06	1.19E-05	1.19E-05	-8.01E-06
COURSE GRID	387000.0	3739000.0	6.65E-06	0	6.65E-06	9.79E-06	-3.14E-06	3.58E-06	0	3.58E-06	9.79E-06	9.79E-06	-6.21E-06
COURSE GRID	387500.0	3739000.0	5.78E-06	0	5.78E-06	6.92E-06	-1.14E-06	3.06E-06	0	3.06E-06	6.92E-06	6.92E-06	-3.86E-06
COURSE GRID	388000.0	3739000.0	5.19E-06	0	5.19E-06	5.14E-06	4.50E-08	2.66E-06	0	2.66E-06	5.14E-06	5.14E-06	-2.48E-06
COURSE GRID	388500.0	3739000.0	4.83E-06	0	4.83E-06	4.32E-06	5.12E-07	2.38E-06	0	2.38E-06	4.32E-06	4.32E-06	-1.94E-06
COURSE GRID	389000.0	3739000.0	4.67E-06	0	4.67E-06	3.88E-06	7.95E-07	2.22E-06	0	2.22E-06	3.88E-06	3.88E-06	-1.65E-06
COURSE GRID	389500.0	3739000.0	4.42E-06	0	4.42E-06	3.40E-06	1.02E-06	2.01E-06	0	2.01E-06	3.40E-06	3.40E-06	-1.39E-06
COURSE GRID	390000.0	3739000.0	4.30E-06	0	4.30E-06	3.20E-06	1.10E-06	1.92E-06	0	1.92E-06	3.20E-06	3.20E-06	-1.28E-06
COURSE GRID	390500.0	3739000.0	4.23E-06	0	4.23E-06	3.07E-06	1.16E-06	1.87E-06	0	1.87E-06	3.07E-06	3.07E-06	-1.21E-06
COURSE GRID	391000.0	3739000.0	4.17E-06	0	4.17E-06	2.95E-06	1.22E-06	1.82E-06	0	1.82E-06	2.95E-06	2.95E-06	-1.14E-06
COURSE GRID	391500.0	3739000.0	4.15E-06	0	4.15E-06	2.88E-06	1.26E-06	1.78E-06	0	1.78E-06	2.88E-06	2.88E-06	-1.10E-06
COURSE GRID	392000.0	3739000.0	4.10E-06	0	4.10E-06	2.77E-06	1.33E-06	1.75E-06	0	1.75E-06	2.77E-06	2.77E-06	-1.02E-06
COURSE GRID	392500.0	3739000.0	4.05E-06	0	4.05E-06	2.67E-06	1.38E-06	1.71E-06	0	1.71E-06	2.67E-06	2.67E-06	-9.58E-07
COURSE GRID	393000.0	3739000.0	3.95E-06	0	3.95E-06	2.51E-06	1.44E-06	1.66E-06	0	1.66E-06	2.51E-06	2.51E-06	-8.53E-07
COURSE GRID	393500.0	3739000.0	3.89E-06	0	3.89E-06	2.42E-06	1.47E-06	1.62E-06	0	1.62E-06	2.42E-06	2.42E-06	-8.03E-07
COURSE GRID	377000.0	3739500.0	2.46E-06	0	2.46E-06	2.03E-06	4.38E-07	1.06E-06	0	1.06E-06	2.03E-06	2.03E-06	-9.68E-07
COURSE GRID	377500.0	3739500.0	2.56E-06	0	2.56E-06	2.11E-06	4.53E-07	1.11E-06	0	1.11E-06	2.11E-06	2.11E-06	-1.00E-06
COURSE GRID	378000.0	3739500.0	2.70E-06	0	2.70E-06	2.22E-06	4.78E-07	1.18E-06	0	1.18E-06	2.22E-06	2.22E-06	-1.04E-06
COURSE GRID	378500.0	3739500.0	2.83E-06	0	2.83E-06	2.35E-06	4.80E-07	1.26E-06	0	1.26E-06	2.35E-06	2.35E-06	-1.10E-06
COURSE GRID	379000.0	3739500.0	2.96E-06	0	2.96E-06	2.54E-06	4.21E-07	1.33E-06	0	1.33E-06	2.54E-06	2.54E-06	-1.21E-06
COURSE GRID	379500.0	3739500.0	3.12E-06	0	3.12E-06	2.66E-06	4.54E-07	1.41E-06	0	1.41E-06	2.66E-06	2.66E-06	-1.25E-06
COURSE GRID	380000.0	3739500.0	3.23E-06	0	3.23E-06	2.89E-06	3.37E-07	1.47E-06	0	1.47E-06	2.89E-06	2.89E-06	-1.42E-06
COURSE GRID	380500.0	3739500.0	3.47E-06	0	3.47E-06	3.30E-06	1.72E-07	1.61E-06	0	1.61E-06	3.30E-06	3.30E-06	-1.69E-06
COURSE GRID	381000.0	3739500.0	3.53E-06	0	3.53E-06	3.49E-06	3.80E-08	1.65E-06	0	1.65E-06	3.49E-06	3.49E-06	-1.84E-06
COURSE GRID	381500.0	3739500.0	3.57E-06	0	3.57E-06	3.80E-06	-2.28E-07	1.68E-06	0	1.68E-06	3.80E-06	3.80E-06	-2.12E-06
COURSE GRID	382000.0	3739500.0	3.70E-06	0	3.70E-06	4.07E-06	-3.69E-07	1.75E-06	0	1.75E-06	4.07E-06	4.07E-06	-2.32E-06
COURSE GRID	382500.0	3739500.0	3.80E-06	0	3.80E-06	4.42E-06	-6.19E-07	1.82E-06	0	1.82E-06	4.42E-06	4.42E-06	-2.61E-06
COURSE GRID	383000.0	3739500.0	4.00E-06	0	4.00E-06	4.69E-06	-6.92E-07	1.91E-06	0	1.91E-06	4.69E-06	4.69E-06	-2.78E-06
COURSE GRID	383500.0	3739500.0	4.16E-06	0	4.16E-06	5.21E-06	-1.04E-06	2.01E-06	0	2.01E-06	5.21E-06	5.21E-06	-3.20E-06
COURSE GRID	384000.0	3739500.0	4.36E-06	0	4.36E-06	5.71E-06	-1.35E-06	2.13E-06	0	2.13E-06	5.71E-06	5.71E-06	-3.58E-06
COURSE GRID	384500.0	3739500.0	4.70E-06	0	4.70E-06	6.93E-06	-2.23E-06	2.33E-06	0	2.33E-06	6.93E-06	6.93E-06	-4.60E-06

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	385000.0	3739500.0	5.04E-06	0	5.04E-06	7.50E-06	-2.46E-06	2.56E-06	0	2.56E-06	7.50E-06	-4.94E-06
COURSE GRID	385500.0	3739500.0	5.53E-06	0	5.53E-06	8.39E-06	-2.86E-06	2.85E-06	0	2.85E-06	8.39E-06	-5.54E-06
COURSE GRID	386000.0	3739500.0	5.88E-06	0	5.88E-06	8.87E-06	-2.99E-06	3.06E-06	0	3.06E-06	8.87E-06	-5.81E-06
COURSE GRID	386500.0	3739500.0	5.71E-06	0	5.71E-06	8.33E-06	-2.62E-06	2.98E-06	0	2.98E-06	8.33E-06	-5.35E-06
COURSE GRID	387000.0	3739500.0	5.47E-06	0	5.47E-06	7.22E-06	-1.75E-06	2.83E-06	0	2.83E-06	7.22E-06	-4.39E-06
COURSE GRID	387500.0	3739500.0	5.03E-06	0	5.03E-06	5.61E-06	-5.80E-07	2.57E-06	0	2.57E-06	5.61E-06	-3.04E-06
COURSE GRID	388000.0	3739500.0	4.71E-06	0	4.71E-06	4.55E-06	1.61E-07	2.36E-06	0	2.36E-06	4.55E-06	-2.19E-06
COURSE GRID	388500.0	3739500.0	4.33E-06	0	4.33E-06	3.62E-06	7.05E-07	2.09E-06	0	2.09E-06	3.62E-06	-1.53E-06
COURSE GRID	389000.0	3739500.0	4.29E-06	0	4.29E-06	3.44E-06	8.54E-07	2.02E-06	0	2.02E-06	3.44E-06	-1.41E-06
COURSE GRID	389500.0	3739500.0	4.19E-06	0	4.19E-06	3.13E-06	1.06E-06	1.91E-06	0	1.91E-06	3.13E-06	-1.22E-06
COURSE GRID	390000.0	3739500.0	4.01E-06	0	4.01E-06	2.82E-06	1.19E-06	1.78E-06	0	1.78E-06	2.82E-06	-1.05E-06
COURSE GRID	390500.0	3739500.0	3.95E-06	0	3.95E-06	2.71E-06	1.24E-06	1.72E-06	0	1.72E-06	2.71E-06	-9.91E-07
COURSE GRID	391000.0	3739500.0	3.91E-06	0	3.91E-06	2.63E-06	1.28E-06	1.68E-06	0	1.68E-06	2.63E-06	-9.53E-07
COURSE GRID	391500.0	3739500.0	3.88E-06	0	3.88E-06	2.57E-06	1.31E-06	1.65E-06	0	1.65E-06	2.57E-06	-9.21E-07
COURSE GRID	392000.0	3739500.0	3.83E-06	0	3.83E-06	2.50E-06	1.33E-06	1.62E-06	0	1.62E-06	2.50E-06	-8.79E-07
COURSE GRID	392500.0	3739500.0	3.68E-06	0	3.68E-06	2.33E-06	1.35E-06	1.54E-06	0	1.54E-06	2.33E-06	-7.92E-07
COURSE GRID	393000.0	3739500.0	3.59E-06	0	3.59E-06	2.20E-06	1.39E-06	1.48E-06	0	1.48E-06	2.20E-06	-7.18E-07
COURSE GRID	393500.0	3739500.0	3.51E-06	0	3.51E-06	2.08E-06	1.43E-06	1.42E-06	0	1.42E-06	2.08E-06	-6.57E-07
COURSE GRID	377000.0	3740000.0	2.39E-06	0	2.39E-06	1.94E-06	4.52E-07	1.03E-06	0	1.03E-06	1.94E-06	-9.06E-07
COURSE GRID	377500.0	3740000.0	2.51E-06	0	2.51E-06	2.04E-06	4.72E-07	1.10E-06	0	1.10E-06	2.04E-06	-9.43E-07
COURSE GRID	378000.0	3740000.0	2.63E-06	0	2.63E-06	2.15E-06	4.82E-07	1.16E-06	0	1.16E-06	2.15E-06	-9.88E-07
COURSE GRID	378500.0	3740000.0	2.73E-06	0	2.73E-06	2.29E-06	4.42E-07	1.22E-06	0	1.22E-06	2.29E-06	-1.07E-06
COURSE GRID	379000.0	3740000.0	2.82E-06	0	2.82E-06	2.33E-06	4.83E-07	1.26E-06	0	1.26E-06	2.33E-06	-1.07E-06
COURSE GRID	379500.0	3740000.0	2.92E-06	0	2.92E-06	2.51E-06	4.19E-07	1.32E-06	0	1.32E-06	2.51E-06	-1.19E-06
COURSE GRID	380000.0	3740000.0	3.07E-06	0	3.07E-06	2.83E-06	2.44E-07	1.40E-06	0	1.40E-06	2.83E-06	-1.43E-06
COURSE GRID	380500.0	3740000.0	3.19E-06	0	3.19E-06	3.01E-06	1.84E-07	1.47E-06	0	1.47E-06	3.01E-06	-1.54E-06
COURSE GRID	381000.0	3740000.0	3.30E-06	0	3.30E-06	3.28E-06	1.70E-08	1.53E-06	0	1.53E-06	3.28E-06	-1.75E-06
COURSE GRID	381500.0	3740000.0	3.38E-06	0	3.38E-06	3.58E-06	-2.01E-07	1.58E-06	0	1.58E-06	3.58E-06	-2.01E-06
COURSE GRID	382000.0	3740000.0	3.48E-06	0	3.48E-06	3.78E-06	-3.06E-07	1.63E-06	0	1.63E-06	3.78E-06	-2.15E-06
COURSE GRID	382500.0	3740000.0	3.60E-06	0	3.60E-06	4.13E-06	-5.36E-07	1.70E-06	0	1.70E-06	4.13E-06	-2.43E-06
COURSE GRID	383000.0	3740000.0	3.79E-06	0	3.79E-06	4.45E-06	-6.56E-07	1.80E-06	0	1.80E-06	4.45E-06	-2.64E-06
COURSE GRID	383500.0	3740000.0	4.00E-06	0	4.00E-06	5.00E-06	-1.01E-06	1.93E-06	0	1.93E-06	5.00E-06	-3.08E-06
COURSE GRID	384000.0	3740000.0	4.19E-06	0	4.19E-06	5.52E-06	-1.33E-06	2.04E-06	0	2.04E-06	5.52E-06	-3.47E-06
COURSE GRID	384500.0	3740000.0	4.46E-06	0	4.46E-06	6.55E-06	-2.09E-06	2.21E-06	0	2.21E-06	6.55E-06	-4.35E-06
COURSE GRID	385000.0	3740000.0	4.69E-06	0	4.69E-06	6.92E-06	-2.23E-06	2.36E-06	0	2.36E-06	6.92E-06	-4.56E-06
COURSE GRID	385500.0	3740000.0	4.89E-06	0	4.89E-06	7.08E-06	-2.19E-06	2.47E-06	0	2.47E-06	7.08E-06	-4.61E-06
COURSE GRID	386000.0	3740000.0	5.01E-06	0	5.01E-06	6.92E-06	-1.91E-06	2.54E-06	0	2.54E-06	6.92E-06	-4.38E-06
COURSE GRID	386500.0	3740000.0	4.92E-06	0	4.92E-06	6.43E-06	-1.51E-06	2.49E-06	0	2.49E-06	6.43E-06	-3.94E-06
COURSE GRID	387000.0	3740000.0	4.75E-06	0	4.75E-06	5.77E-06	-1.02E-06	2.38E-06	0	2.38E-06	5.77E-06	-3.39E-06
COURSE GRID	387500.0	3740000.0	4.51E-06	0	4.51E-06	4.82E-06	-3.10E-07	2.23E-06	0	2.23E-06	4.82E-06	-2.59E-06

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION				REDUCED PROJECT - WITH MITIGATION				
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA IMPACT	
			IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	IMPACT	
COURSE GRID	388000.0	3740000.0	4.33E-06	0	4.33E-06	4.09E-06	2.13E-06	0	2.13E-06	4.09E-06	-1.97E-06
COURSE GRID	388500.0	3740000.0	4.11E-06	0	4.11E-06	3.42E-06	1.97E-06	0	1.97E-06	3.42E-06	-1.45E-06
COURSE GRID	389000.0	3740000.0	3.95E-06	0	3.95E-06	3.06E-06	1.85E-06	0	1.85E-06	3.06E-06	-1.21E-06
COURSE GRID	389500.0	3740000.0	3.89E-06	0	3.89E-06	2.88E-06	1.77E-06	0	1.77E-06	2.88E-06	-1.11E-06
COURSE GRID	390000.0	3740000.0	3.77E-06	0	3.77E-06	2.60E-06	1.66E-06	0	1.66E-06	2.60E-06	-9.31E-07
COURSE GRID	390500.0	3740000.0	3.73E-06	0	3.73E-06	2.48E-06	1.61E-06	0	1.61E-06	2.48E-06	-8.63E-07
COURSE GRID	391000.0	3740000.0	3.67E-06	0	3.67E-06	2.39E-06	1.56E-06	0	1.56E-06	2.39E-06	-8.30E-07
COURSE GRID	391500.0	3740000.0	3.60E-06	0	3.60E-06	2.30E-06	1.53E-06	0	1.53E-06	2.30E-06	-7.75E-07
COURSE GRID	392000.0	3740000.0	3.44E-06	0	3.44E-06	2.08E-06	1.43E-06	0	1.43E-06	2.08E-06	-6.44E-07
COURSE GRID	392500.0	3740000.0	3.25E-06	0	3.25E-06	1.87E-06	1.31E-06	0	1.31E-06	1.87E-06	-5.62E-07
COURSE GRID	393000.0	3740000.0	3.28E-06	0	3.28E-06	1.93E-06	1.32E-06	0	1.32E-06	1.93E-06	-6.08E-07
COURSE GRID	393500.0	3740000.0	3.38E-06	0	3.38E-06	2.01E-06	1.38E-06	0	1.38E-06	2.01E-06	-6.26E-07
COURSE GRID	377000.0	3740500.0	2.35E-06	0	2.35E-06	1.88E-06	1.02E-06	0	1.02E-06	1.88E-06	-8.65E-07
COURSE GRID	377500.0	3740500.0	2.46E-06	0	2.46E-06	1.99E-06	1.08E-06	0	1.08E-06	1.99E-06	-9.04E-07
COURSE GRID	378000.0	3740500.0	2.56E-06	0	2.56E-06	2.11E-06	1.14E-06	0	1.14E-06	2.11E-06	-9.69E-07
COURSE GRID	378500.0	3740500.0	2.64E-06	0	2.64E-06	2.15E-06	1.18E-06	0	1.18E-06	2.15E-06	-9.74E-07
COURSE GRID	379000.0	3740500.0	2.73E-06	0	2.73E-06	2.29E-06	1.23E-06	0	1.23E-06	2.29E-06	-1.06E-06
COURSE GRID	379500.0	3740500.0	2.80E-06	0	2.80E-06	2.50E-06	1.26E-06	0	1.26E-06	2.50E-06	-1.24E-06
COURSE GRID	380000.0	3740500.0	2.89E-06	0	2.89E-06	2.61E-06	1.31E-06	0	1.31E-06	2.61E-06	-1.30E-06
COURSE GRID	380500.0	3740500.0	3.02E-06	0	3.02E-06	2.85E-06	1.38E-06	0	1.38E-06	2.85E-06	-1.47E-06
COURSE GRID	381000.0	3740500.0	3.10E-06	0	3.10E-06	3.14E-06	1.43E-06	0	1.43E-06	3.14E-06	-1.71E-06
COURSE GRID	381500.0	3740500.0	3.19E-06	0	3.19E-06	3.36E-06	1.48E-06	0	1.48E-06	3.36E-06	-1.88E-06
COURSE GRID	382000.0	3740500.0	3.28E-06	0	3.28E-06	3.56E-06	1.53E-06	0	1.53E-06	3.56E-06	-2.03E-06
COURSE GRID	382500.0	3740500.0	3.39E-06	0	3.39E-06	3.90E-06	1.60E-06	0	1.60E-06	3.90E-06	-2.30E-06
COURSE GRID	383000.0	3740500.0	3.59E-06	0	3.59E-06	4.23E-06	1.70E-06	0	1.70E-06	4.23E-06	-2.53E-06
COURSE GRID	383500.0	3740500.0	3.84E-06	0	3.84E-06	4.81E-06	1.85E-06	0	1.85E-06	4.81E-06	-2.96E-06
COURSE GRID	384000.0	3740500.0	3.99E-06	0	3.99E-06	5.25E-06	1.95E-06	0	1.95E-06	5.25E-06	-3.31E-06
COURSE GRID	384500.0	3740500.0	4.32E-06	0	4.32E-06	6.13E-06	2.14E-06	0	2.14E-06	6.13E-06	-3.99E-06
COURSE GRID	385000.0	3740500.0	4.30E-06	0	4.30E-06	6.13E-06	2.14E-06	0	2.14E-06	6.13E-06	-3.99E-06
COURSE GRID	385500.0	3740500.0	4.36E-06	0	4.36E-06	5.94E-06	2.16E-06	0	2.16E-06	5.94E-06	-3.77E-06
COURSE GRID	386000.0	3740500.0	4.35E-06	0	4.35E-06	5.7E-06	2.15E-06	0	2.15E-06	5.7E-06	-3.42E-06
COURSE GRID	386500.0	3740500.0	4.29E-06	0	4.29E-06	5.09E-06	2.11E-06	0	2.11E-06	5.09E-06	-2.98E-06
COURSE GRID	387000.0	3740500.0	4.24E-06	0	4.24E-06	4.78E-06	2.08E-06	0	2.08E-06	4.78E-06	-2.70E-06
COURSE GRID	387500.0	3740500.0	4.10E-06	0	4.10E-06	4.21E-06	1.99E-06	0	1.99E-06	4.21E-06	-2.22E-06
COURSE GRID	388000.0	3740500.0	3.98E-06	0	3.98E-06	3.69E-06	1.92E-06	0	1.92E-06	3.69E-06	-1.77E-06
COURSE GRID	388500.0	3740500.0	3.85E-06	0	3.85E-06	3.23E-06	1.83E-06	0	1.83E-06	3.23E-06	-1.40E-06
COURSE GRID	389000.0	3740500.0	3.70E-06	0	3.70E-06	2.80E-06	1.71E-06	0	1.71E-06	2.80E-06	-1.09E-06
COURSE GRID	389500.0	3740500.0	3.61E-06	0	3.61E-06	2.60E-06	1.64E-06	0	1.64E-06	2.60E-06	-9.65E-07
COURSE GRID	390000.0	3740500.0	3.55E-06	0	3.55E-06	2.45E-06	1.57E-06	0	1.57E-06	2.45E-06	-8.82E-07
COURSE GRID	390500.0	3740500.0	3.52E-06	0	3.52E-06	2.31E-06	1.51E-06	0	1.51E-06	2.31E-06	-8.01E-07

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION				REDUCED PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE			
			IMPACT	BASELINE	IMPACT	IMPACT	IMPACT	BASELINE	IMPACT	IMPACT			
COURSE GRID	391000.0	3740500.0	3.39E-06	0	3.39E-06	2.12E-06	1.28E-06	1.43E-06	2.12E-06	1.43E-06	1.28E-06	2.12E-06	-6.83E-07
COURSE GRID	391500.0	3740500.0	3.26E-06	0	3.26E-06	1.97E-06	1.30E-06	1.36E-06	1.97E-06	1.36E-06	1.30E-06	1.97E-06	-6.07E-07
COURSE GRID	392000.0	3740500.0	2.92E-06	0	2.92E-06	1.65E-06	1.27E-06	1.15E-06	1.65E-06	1.15E-06	1.27E-06	1.65E-06	-4.94E-07
COURSE GRID	392500.0	3740500.0	2.81E-06	0	2.81E-06	1.53E-06	1.28E-06	1.09E-06	1.53E-06	1.09E-06	1.28E-06	1.53E-06	-4.34E-07
COURSE GRID	393000.0	3740500.0	3.15E-06	0	3.15E-06	1.78E-06	1.37E-06	1.27E-06	1.78E-06	1.27E-06	1.37E-06	1.78E-06	-5.10E-07
COURSE GRID	393500.0	3740500.0	3.23E-06	0	3.23E-06	1.86E-06	1.37E-06	1.31E-06	1.86E-06	1.31E-06	1.37E-06	1.86E-06	-5.49E-07
COURSE GRID	377000.0	3741000.0	2.30E-06	0	2.30E-06	1.83E-06	4.68E-07	1.00E-06	1.83E-06	1.00E-06	4.68E-07	1.83E-06	-8.27E-07
COURSE GRID	377500.0	3741000.0	2.39E-06	0	2.39E-06	1.93E-06	4.60E-07	1.05E-06	1.93E-06	1.05E-06	4.60E-07	1.93E-06	-8.80E-07
COURSE GRID	378000.0	3741000.0	2.45E-06	0	2.45E-06	1.96E-06	4.90E-07	1.08E-06	1.96E-06	1.08E-06	4.90E-07	1.96E-06	-8.73E-07
COURSE GRID	378500.0	3741000.0	2.51E-06	0	2.51E-06	2.03E-06	4.83E-07	1.11E-06	2.03E-06	1.11E-06	4.83E-07	2.03E-06	-9.13E-07
COURSE GRID	379000.0	3741000.0	2.61E-06	0	2.61E-06	2.26E-06	3.51E-07	1.16E-06	2.26E-06	1.16E-06	3.51E-07	2.26E-06	-1.10E-06
COURSE GRID	379500.0	3741000.0	2.72E-06	0	2.72E-06	2.44E-06	2.83E-07	1.23E-06	2.44E-06	1.23E-06	2.83E-07	2.44E-06	-1.22E-06
COURSE GRID	380000.0	3741000.0	2.76E-06	0	2.76E-06	2.50E-06	2.62E-07	1.25E-06	2.50E-06	1.25E-06	2.62E-07	2.50E-06	-1.25E-06
COURSE GRID	380500.0	3741000.0	2.88E-06	0	2.88E-06	2.77E-06	1.12E-07	1.31E-06	2.77E-06	1.31E-06	1.12E-07	2.77E-06	-1.45E-06
COURSE GRID	381000.0	3741000.0	3.00E-06	0	3.00E-06	3.08E-06	-8.10E-08	1.38E-06	3.08E-06	1.38E-06	-8.10E-08	3.08E-06	-1.70E-06
COURSE GRID	381500.0	3741000.0	3.02E-06	0	3.02E-06	3.15E-06	-1.32E-07	1.39E-06	3.15E-06	1.39E-06	-1.32E-07	3.15E-06	-1.76E-06
COURSE GRID	382000.0	3741000.0	3.13E-06	0	3.13E-06	3.46E-06	-3.26E-07	1.46E-06	3.46E-06	1.46E-06	-3.26E-07	3.46E-06	-2.00E-06
COURSE GRID	382500.0	3741000.0	3.25E-06	0	3.25E-06	3.74E-06	-4.90E-07	1.53E-06	3.74E-06	1.53E-06	-4.90E-07	3.74E-06	-2.22E-06
COURSE GRID	383000.0	3741000.0	3.42E-06	0	3.42E-06	4.07E-06	-6.44E-07	1.62E-06	4.07E-06	1.62E-06	-6.44E-07	4.07E-06	-2.45E-06
COURSE GRID	383500.0	3741000.0	3.64E-06	0	3.64E-06	4.57E-06	-9.29E-07	1.75E-06	4.57E-06	1.75E-06	-9.29E-07	4.57E-06	-2.82E-06
COURSE GRID	384000.0	3741000.0	3.78E-06	0	3.78E-06	4.87E-06	-1.09E-06	1.83E-06	4.87E-06	1.83E-06	-1.09E-06	4.87E-06	-3.03E-06
COURSE GRID	384500.0	3741000.0	3.89E-06	0	3.89E-06	5.27E-06	-1.39E-06	1.90E-06	5.27E-06	1.90E-06	-1.39E-06	5.27E-06	-3.38E-06
COURSE GRID	385000.0	3741000.0	4.02E-06	0	4.02E-06	5.45E-06	-1.43E-06	1.97E-06	5.45E-06	1.97E-06	-1.43E-06	5.45E-06	-3.49E-06
COURSE GRID	385500.0	3741000.0	3.95E-06	0	3.95E-06	5.08E-06	-1.12E-06	1.93E-06	5.08E-06	1.93E-06	-1.12E-06	5.08E-06	-3.14E-06
COURSE GRID	386000.0	3741000.0	3.97E-06	0	3.97E-06	4.86E-06	-8.85E-07	1.93E-06	4.86E-06	1.93E-06	-8.85E-07	4.86E-06	-2.93E-06
COURSE GRID	386500.0	3741000.0	3.89E-06	0	3.89E-06	4.34E-06	-4.43E-07	1.88E-06	4.34E-06	1.88E-06	-4.43E-07	4.34E-06	-2.46E-06
COURSE GRID	387000.0	3741000.0	3.84E-06	0	3.84E-06	4.03E-06	-1.87E-07	1.84E-06	4.03E-06	1.84E-06	-1.87E-07	4.03E-06	-2.18E-06
COURSE GRID	387500.0	3741000.0	3.78E-06	0	3.78E-06	3.75E-06	2.10E-08	1.80E-06	3.75E-06	1.80E-06	2.10E-08	3.75E-06	-1.95E-06
COURSE GRID	388000.0	3741000.0	3.69E-06	0	3.69E-06	3.35E-06	3.35E-07	1.75E-06	3.35E-06	1.75E-06	3.35E-07	3.35E-06	-1.60E-06
COURSE GRID	388500.0	3741000.0	3.62E-06	0	3.62E-06	3.05E-06	5.70E-07	1.70E-06	3.05E-06	1.70E-06	5.70E-07	3.05E-06	-1.36E-06
COURSE GRID	389000.0	3741000.0	3.50E-06	0	3.50E-06	2.67E-06	8.30E-07	1.60E-06	2.67E-06	1.60E-06	8.30E-07	2.67E-06	-1.07E-06
COURSE GRID	389500.0	3741000.0	3.38E-06	0	3.38E-06	2.39E-06	9.96E-07	1.52E-06	2.39E-06	1.52E-06	9.96E-07	2.39E-06	-8.68E-07
COURSE GRID	390000.0	3741000.0	3.35E-06	0	3.35E-06	2.29E-06	1.06E-06	1.47E-06	2.29E-06	1.47E-06	1.06E-06	2.29E-06	-8.12E-07
COURSE GRID	390500.0	3741000.0	3.25E-06	0	3.25E-06	2.11E-06	1.14E-06	1.39E-06	2.11E-06	1.39E-06	1.14E-06	2.11E-06	-7.13E-07
COURSE GRID	391000.0	3741000.0	3.18E-06	0	3.18E-06	1.95E-06	1.23E-06	1.33E-06	1.95E-06	1.33E-06	1.23E-06	1.95E-06	-6.12E-07
COURSE GRID	391500.0	3741000.0	3.00E-06	0	3.00E-06	1.72E-06	1.28E-06	1.22E-06	1.72E-06	1.22E-06	1.28E-06	1.72E-06	-4.97E-07
COURSE GRID	392000.0	3741000.0	3.00E-06	0	3.00E-06	1.72E-06	1.27E-06	1.22E-06	1.72E-06	1.22E-06	1.27E-06	1.72E-06	-5.07E-07
COURSE GRID	392500.0	3741000.0	2.98E-06	0	2.98E-06	1.72E-06	1.26E-06	1.21E-06	1.72E-06	1.21E-06	1.26E-06	1.72E-06	-5.10E-07
COURSE GRID	393000.0	3741000.0	3.02E-06	0	3.02E-06	1.73E-06	1.30E-06	1.23E-06	1.73E-06	1.23E-06	1.30E-06	1.73E-06	-5.01E-07
COURSE GRID	393500.0	3741000.0	3.07E-06	0	3.07E-06	1.75E-06	1.32E-06	1.24E-06	1.75E-06	1.24E-06	1.32E-06	1.75E-06	-5.10E-07

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION				REDUCED PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
			IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	IMPACT	BASELINE	IMPACT	BASELINE	IMPACT
COURSE GRID	377000.0	3741500.0	2.23E-06	1.78E-06	2.23E-06	4.43E-07	9.76E-07	1.78E-06	9.76E-07	1.78E-06	4.43E-07	9.76E-07
COURSE GRID	377500.0	3741500.0	2.26E-06	1.78E-06	2.26E-06	4.87E-07	9.94E-07	1.78E-06	9.94E-07	1.78E-06	4.87E-07	9.94E-07
COURSE GRID	378000.0	3741500.0	2.33E-06	1.83E-06	2.33E-06	4.99E-07	1.02E-06	1.83E-06	1.02E-06	1.83E-06	4.99E-07	1.02E-06
COURSE GRID	378500.0	3741500.0	2.40E-06	2.02E-06	2.40E-06	3.79E-07	1.06E-06	2.02E-06	1.06E-06	2.02E-06	3.79E-07	1.06E-06
COURSE GRID	379000.0	3741500.0	2.49E-06	2.18E-06	2.49E-06	3.09E-07	1.11E-06	2.18E-06	1.11E-06	2.18E-06	3.09E-07	1.11E-06
COURSE GRID	379500.0	3741500.0	2.58E-06	2.29E-06	2.58E-06	2.90E-07	1.16E-06	2.29E-06	1.16E-06	2.29E-06	2.90E-07	1.16E-06
COURSE GRID	380000.0	3741500.0	2.71E-06	2.53E-06	2.71E-06	1.78E-07	1.23E-06	2.53E-06	1.23E-06	2.53E-06	1.78E-07	1.23E-06
COURSE GRID	380500.0	3741500.0	2.72E-06	2.66E-06	2.72E-06	6.30E-08	1.23E-06	2.66E-06	1.23E-06	2.66E-06	6.30E-08	1.23E-06
COURSE GRID	381000.0	3741500.0	2.85E-06	2.95E-06	2.85E-06	-9.80E-08	1.31E-06	2.95E-06	1.31E-06	2.95E-06	-9.80E-08	1.31E-06
COURSE GRID	381500.0	3741500.0	2.90E-06	3.05E-06	2.90E-06	-1.49E-07	1.33E-06	3.05E-06	1.33E-06	3.05E-06	-1.49E-07	1.33E-06
COURSE GRID	382000.0	3741500.0	3.00E-06	3.34E-06	3.00E-06	-3.44E-07	1.39E-06	3.34E-06	1.39E-06	3.34E-06	-3.44E-07	1.39E-06
COURSE GRID	382500.0	3741500.0	3.11E-06	3.61E-06	3.11E-06	-4.98E-07	1.46E-06	3.61E-06	1.46E-06	3.61E-06	-4.98E-07	1.46E-06
COURSE GRID	383000.0	3741500.0	3.28E-06	3.92E-06	3.28E-06	-6.43E-07	1.55E-06	3.92E-06	1.55E-06	3.92E-06	-6.43E-07	1.55E-06
COURSE GRID	383500.0	3741500.0	3.46E-06	4.25E-06	3.46E-06	-7.96E-07	1.65E-06	4.25E-06	1.65E-06	4.25E-06	-7.96E-07	1.65E-06
COURSE GRID	384000.0	3741500.0	3.55E-06	4.44E-06	3.55E-06	-8.90E-07	1.71E-06	4.44E-06	1.71E-06	4.44E-06	-8.90E-07	1.71E-06
COURSE GRID	384500.0	3741500.0	3.59E-06	4.61E-06	3.59E-06	-1.02E-06	1.73E-06	4.61E-06	1.73E-06	4.61E-06	-1.02E-06	1.73E-06
COURSE GRID	385000.0	3741500.0	3.64E-06	4.75E-06	3.64E-06	-1.10E-06	1.76E-06	4.75E-06	1.76E-06	4.75E-06	-1.10E-06	1.76E-06
COURSE GRID	385500.0	3741500.0	3.70E-06	4.53E-06	3.70E-06	-8.39E-07	1.79E-06	4.53E-06	1.79E-06	4.53E-06	-8.39E-07	1.79E-06
COURSE GRID	386000.0	3741500.0	3.65E-06	4.26E-06	3.65E-06	-6.13E-07	1.75E-06	4.26E-06	1.75E-06	4.26E-06	-6.13E-07	1.75E-06
COURSE GRID	386500.0	3741500.0	3.59E-06	3.85E-06	3.59E-06	-2.60E-07	1.71E-06	3.85E-06	1.71E-06	3.85E-06	-2.60E-07	1.71E-06
COURSE GRID	387000.0	3741500.0	3.57E-06	3.56E-06	3.57E-06	5.00E-09	1.68E-06	3.56E-06	1.68E-06	3.56E-06	5.00E-09	1.68E-06
COURSE GRID	387500.0	3741500.0	3.50E-06	3.31E-06	3.50E-06	1.84E-07	1.64E-06	3.31E-06	1.64E-06	3.31E-06	1.84E-07	1.64E-06
COURSE GRID	388000.0	3741500.0	3.45E-06	3.08E-06	3.45E-06	3.67E-07	1.61E-06	3.08E-06	1.61E-06	3.08E-06	3.67E-07	1.61E-06
COURSE GRID	388500.0	3741500.0	3.40E-06	2.85E-06	3.40E-06	5.55E-07	1.57E-06	2.85E-06	1.57E-06	2.85E-06	5.55E-07	1.57E-06
COURSE GRID	389000.0	3741500.0	3.32E-06	2.59E-06	3.32E-06	7.35E-07	1.51E-06	2.59E-06	1.51E-06	2.59E-06	7.35E-07	1.51E-06
COURSE GRID	389500.0	3741500.0	3.22E-06	2.29E-06	3.22E-06	9.38E-07	1.44E-06	2.29E-06	1.44E-06	2.29E-06	9.38E-07	1.44E-06
COURSE GRID	390000.0	3741500.0	3.12E-06	2.09E-06	3.12E-06	1.03E-06	1.36E-06	2.09E-06	1.36E-06	2.09E-06	1.03E-06	1.36E-06
COURSE GRID	390500.0	3741500.0	3.05E-06	1.96E-06	3.05E-06	1.09E-06	1.31E-06	1.96E-06	1.31E-06	1.96E-06	1.09E-06	1.31E-06
COURSE GRID	391000.0	3741500.0	3.02E-06	1.87E-06	3.02E-06	1.15E-06	1.27E-06	1.87E-06	1.27E-06	1.87E-06	1.15E-06	1.27E-06
COURSE GRID	391500.0	3741500.0	2.95E-06	1.74E-06	2.95E-06	1.21E-06	1.21E-06	1.74E-06	1.21E-06	1.74E-06	1.21E-06	1.21E-06
COURSE GRID	392000.0	3741500.0	2.93E-06	1.68E-06	2.93E-06	1.25E-06	1.20E-06	1.68E-06	1.20E-06	1.68E-06	1.25E-06	1.20E-06
COURSE GRID	392500.0	3741500.0	2.92E-06	1.67E-06	2.92E-06	1.25E-06	1.19E-06	1.67E-06	1.19E-06	1.67E-06	1.25E-06	1.19E-06
COURSE GRID	393000.0	3741500.0	2.94E-06	1.70E-06	2.94E-06	1.24E-06	1.19E-06	1.70E-06	1.19E-06	1.70E-06	1.24E-06	1.19E-06
COURSE GRID	393500.0	3741500.0	2.95E-06	1.71E-06	2.95E-06	1.24E-06	1.19E-06	1.71E-06	1.19E-06	1.71E-06	1.24E-06	1.19E-06
COURSE GRID	377000.0	3742000.0	2.17E-06	1.69E-06	2.17E-06	4.75E-07	9.49E-07	1.69E-06	9.49E-07	1.69E-06	4.75E-07	9.49E-07
COURSE GRID	377500.0	3742000.0	2.19E-06	1.84E-06	2.19E-06	4.88E-07	9.64E-07	1.84E-06	9.64E-07	1.84E-06	4.88E-07	9.64E-07
COURSE GRID	378000.0	3742000.0	2.24E-06	1.84E-06	2.24E-06	3.99E-07	9.85E-07	1.84E-06	9.85E-07	1.84E-06	3.99E-07	9.85E-07
COURSE GRID	378500.0	3742000.0	2.32E-06	2.00E-06	2.32E-06	3.21E-07	1.02E-06	2.00E-06	1.02E-06	2.00E-06	3.21E-07	1.02E-06
COURSE GRID	379000.0	3742000.0	2.40E-06	2.08E-06	2.40E-06	3.11E-07	1.07E-06	2.08E-06	1.07E-06	2.08E-06	3.11E-07	1.07E-06
COURSE GRID	379500.0	3742000.0	2.48E-06	2.22E-06	2.48E-06	2.61E-07	1.11E-06	2.22E-06	1.11E-06	2.22E-06	2.61E-07	1.11E-06

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	380000.0	3742000.0	2.55E-06	0	2.55E-06	2.38E-06	1.72E-07	1.15E-06	0	1.15E-06	2.38E-06	-1.23E-06
COURSE GRID	380500.0	3742000.0	2.64E-06	0	2.64E-06	2.66E-06	-2.40E-08	1.20E-06	0	1.20E-06	2.66E-06	-1.47E-06
COURSE GRID	381000.0	3742000.0	2.71E-06	0	2.71E-06	2.82E-06	-1.09E-07	1.24E-06	0	1.24E-06	2.82E-06	-1.58E-06
COURSE GRID	381500.0	3742000.0	2.78E-06	0	2.78E-06	2.97E-06	-1.93E-07	1.28E-06	0	1.28E-06	2.97E-06	-1.70E-06
COURSE GRID	382000.0	3742000.0	2.88E-06	0	2.88E-06	3.24E-06	-3.66E-07	1.33E-06	0	1.33E-06	3.24E-06	-1.91E-06
COURSE GRID	382500.0	3742000.0	2.98E-06	0	2.98E-06	3.44E-06	-4.59E-07	1.39E-06	0	1.39E-06	3.44E-06	-2.05E-06
COURSE GRID	383000.0	3742000.0	3.11E-06	0	3.11E-06	3.68E-06	-5.67E-07	1.47E-06	0	1.47E-06	3.68E-06	-2.21E-06
COURSE GRID	383500.0	3742000.0	3.25E-06	0	3.25E-06	3.92E-06	-6.65E-07	1.55E-06	0	1.55E-06	3.92E-06	-2.37E-06
COURSE GRID	384000.0	3742000.0	3.32E-06	0	3.32E-06	4.01E-06	-6.96E-07	1.58E-06	0	1.58E-06	4.01E-06	-2.43E-06
COURSE GRID	384500.0	3742000.0	3.34E-06	0	3.34E-06	4.07E-06	-7.37E-07	1.60E-06	0	1.60E-06	4.07E-06	-2.48E-06
COURSE GRID	385000.0	3742000.0	3.41E-06	0	3.41E-06	4.25E-06	-8.44E-07	1.63E-06	0	1.63E-06	4.25E-06	-2.63E-06
COURSE GRID	385500.0	3742000.0	3.37E-06	0	3.37E-06	3.97E-06	-6.03E-07	1.60E-06	0	1.60E-06	3.97E-06	-2.37E-06
COURSE GRID	386000.0	3742000.0	3.37E-06	0	3.37E-06	3.73E-06	-3.63E-07	1.59E-06	0	1.59E-06	3.73E-06	-2.14E-06
COURSE GRID	386500.0	3742000.0	3.31E-06	0	3.31E-06	3.44E-06	-1.29E-07	1.55E-06	0	1.55E-06	3.44E-06	-1.89E-06
COURSE GRID	387000.0	3742000.0	3.30E-06	0	3.30E-06	3.17E-06	1.27E-07	1.54E-06	0	1.54E-06	3.17E-06	-1.64E-06
COURSE GRID	387500.0	3742000.0	3.27E-06	0	3.27E-06	2.97E-06	3.07E-07	1.51E-06	0	1.51E-06	2.97E-06	-1.45E-06
COURSE GRID	388000.0	3742000.0	3.23E-06	0	3.23E-06	2.82E-06	4.16E-07	1.49E-06	0	1.49E-06	2.82E-06	-1.33E-06
COURSE GRID	388500.0	3742000.0	3.24E-06	0	3.24E-06	2.70E-06	5.37E-07	1.49E-06	0	1.49E-06	2.70E-06	-1.21E-06
COURSE GRID	389000.0	3742000.0	3.15E-06	0	3.15E-06	2.49E-06	6.69E-07	1.43E-06	0	1.43E-06	2.49E-06	-1.06E-06
COURSE GRID	389500.0	3742000.0	3.09E-06	0	3.09E-06	2.25E-06	8.38E-07	1.37E-06	0	1.37E-06	2.25E-06	-8.82E-07
COURSE GRID	390000.0	3742000.0	2.93E-06	0	2.93E-06	1.93E-06	9.98E-07	1.27E-06	0	1.27E-06	1.93E-06	-6.62E-07
COURSE GRID	390500.0	3742000.0	2.80E-06	0	2.80E-06	1.73E-06	1.07E-06	1.18E-06	0	1.18E-06	1.73E-06	-5.46E-07
COURSE GRID	391000.0	3742000.0	2.84E-06	0	2.84E-06	1.74E-06	1.10E-06	1.19E-06	0	1.19E-06	1.74E-06	-5.50E-07
COURSE GRID	391500.0	3742000.0	2.88E-06	0	2.88E-06	1.74E-06	1.14E-06	1.19E-06	0	1.19E-06	1.74E-06	-5.46E-07
COURSE GRID	392000.0	3742000.0	2.85E-06	0	2.85E-06	1.67E-06	1.18E-06	1.17E-06	0	1.17E-06	1.67E-06	-5.02E-07
COURSE GRID	392500.0	3742000.0	2.85E-06	0	2.85E-06	1.64E-06	1.21E-06	1.16E-06	0	1.16E-06	1.64E-06	-4.80E-07
COURSE GRID	393000.0	3742000.0	2.83E-06	0	2.83E-06	1.62E-06	1.21E-06	1.15E-06	0	1.15E-06	1.62E-06	-4.76E-07
COURSE GRID	393500.0	3742000.0	2.82E-06	0	2.82E-06	1.63E-06	1.19E-06	1.14E-06	0	1.14E-06	1.63E-06	-4.92E-07

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION				REDUCED PROJECT - WITH MITIGATION			
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT
COURSE GRID	377000.0	3728500.0	6.50E-03	0	6.50E-03	3.87E-03	2.63E-03	2.55E-03	3.87E-03	-1.33E-03
COURSE GRID	377500.0	3728500.0	6.79E-03	0	6.79E-03	3.86E-03	2.92E-03	2.67E-03	3.86E-03	-1.19E-03
COURSE GRID	378000.0	3728500.0	7.08E-03	0	7.08E-03	3.87E-03	3.21E-03	2.80E-03	3.87E-03	-1.07E-03
COURSE GRID	378500.0	3728500.0	7.40E-03	0	7.40E-03	4.00E-03	3.40E-03	2.94E-03	4.00E-03	-1.06E-03
COURSE GRID	379000.0	3728500.0	7.70E-03	0	7.70E-03	4.18E-03	3.52E-03	3.09E-03	4.18E-03	-1.09E-03
COURSE GRID	379500.0	3728500.0	8.01E-03	0	8.01E-03	4.39E-03	3.62E-03	3.25E-03	4.39E-03	-1.14E-03
COURSE GRID	380000.0	3728500.0	8.41E-03	0	8.41E-03	4.74E-03	3.67E-03	3.45E-03	4.74E-03	-1.29E-03
COURSE GRID	380500.0	3728500.0	8.82E-03	0	8.82E-03	5.11E-03	3.71E-03	3.68E-03	5.11E-03	-1.43E-03
COURSE GRID	381000.0	3728500.0	9.07E-03	0	9.07E-03	5.34E-03	3.73E-03	3.83E-03	5.34E-03	-1.51E-03
COURSE GRID	381500.0	3728500.0	9.26E-03	0	9.26E-03	5.58E-03	3.68E-03	3.93E-03	5.58E-03	-1.66E-03
COURSE GRID	382000.0	3728500.0	9.81E-03	0	9.81E-03	6.21E-03	3.60E-03	4.14E-03	6.21E-03	-2.07E-03
COURSE GRID	382500.0	3728500.0	1.09E-02	0	1.09E-02	6.99E-03	3.90E-03	4.61E-03	6.99E-03	-2.38E-03
COURSE GRID	383000.0	3728500.0	1.28E-02	0	1.28E-02	8.81E-03	4.03E-03	5.46E-03	8.81E-03	-3.35E-03
COURSE GRID	383500.0	3728500.0	1.57E-02	0	1.57E-02	1.03E-02	5.36E-03	6.66E-03	1.03E-02	-3.65E-03
COURSE GRID	384000.0	3728500.0	1.88E-02	0	1.88E-02	1.15E-02	7.33E-03	7.96E-03	1.15E-02	-3.51E-03
COURSE GRID	384500.0	3728500.0	2.26E-02	0	2.26E-02	1.25E-02	1.01E-02	9.65E-03	1.25E-02	-2.82E-03
COURSE GRID	385000.0	3728500.0	2.55E-02	0	2.55E-02	1.34E-02	1.22E-02	1.11E-02	1.34E-02	-2.23E-03
COURSE GRID	385500.0	3728500.0	2.49E-02	0	2.49E-02	1.28E-02	1.21E-02	1.10E-02	1.28E-02	-1.80E-03
COURSE GRID	386000.0	3728500.0	2.12E-02	0	2.12E-02	1.25E-02	8.63E-03	9.55E-03	1.25E-02	-2.99E-03
COURSE GRID	386500.0	3728500.0	1.77E-02	0	1.77E-02	1.23E-02	5.35E-03	7.97E-03	1.23E-02	-4.34E-03
COURSE GRID	387000.0	3728500.0	1.54E-02	0	1.54E-02	1.19E-02	3.51E-03	6.89E-03	1.19E-02	-4.99E-03
COURSE GRID	387500.0	3728500.0	1.41E-02	0	1.41E-02	1.11E-02	2.97E-03	6.31E-03	1.11E-02	-4.83E-03
COURSE GRID	388000.0	3728500.0	1.34E-02	0	1.34E-02	1.08E-02	2.67E-03	6.01E-03	1.08E-02	-4.76E-03
COURSE GRID	388500.0	3728500.0	1.33E-02	0	1.33E-02	1.12E-02	2.07E-03	6.01E-03	1.12E-02	-5.18E-03
COURSE GRID	389000.0	3728500.0	1.31E-02	0	1.31E-02	1.14E-02	1.77E-03	6.07E-03	1.14E-02	-5.30E-03
COURSE GRID	389500.0	3728500.0	1.29E-02	0	1.29E-02	1.14E-02	1.50E-03	6.05E-03	1.14E-02	-5.38E-03
COURSE GRID	390000.0	3728500.0	1.27E-02	0	1.27E-02	1.16E-02	1.08E-03	6.00E-03	1.16E-02	-5.59E-03
COURSE GRID	390500.0	3728500.0	1.26E-02	0	1.26E-02	1.19E-02	6.80E-04	6.04E-03	1.19E-02	-5.83E-03
COURSE GRID	391000.0	3728500.0	1.22E-02	0	1.22E-02	1.18E-02	3.80E-04	5.96E-03	1.18E-02	-5.89E-03
COURSE GRID	391500.0	3728500.0	1.18E-02	0	1.18E-02	1.18E-02	2.00E-05	5.83E-03	1.18E-02	-5.99E-03
COURSE GRID	392000.0	3728500.0	1.14E-02	0	1.14E-02	1.18E-02	-3.30E-04	5.68E-03	1.18E-02	-6.07E-03
COURSE GRID	392500.0	3728500.0	1.10E-02	0	1.10E-02	1.19E-02	-8.30E-04	5.57E-03	1.19E-02	-6.29E-03
COURSE GRID	393000.0	3728500.0	1.07E-02	0	1.07E-02	1.20E-02	-1.32E-03	5.46E-03	1.20E-02	-6.55E-03
COURSE GRID	393500.0	3728500.0	1.04E-02	0	1.04E-02	1.20E-02	-1.65E-03	5.37E-03	1.20E-02	-6.64E-03
COURSE GRID	377000.0	3729000.0	6.59E-03	0	6.59E-03	3.98E-03	2.76E-03	2.59E-03	3.98E-03	-1.39E-03
COURSE GRID	377500.0	3729000.0	6.96E-03	0	6.96E-03	4.20E-03	2.76E-03	2.76E-03	4.20E-03	-1.44E-03
COURSE GRID	378000.0	3729000.0	7.31E-03	0	7.31E-03	4.18E-03	3.14E-03	2.90E-03	4.18E-03	-1.28E-03
COURSE GRID	378500.0	3729000.0	7.71E-03	0	7.71E-03	4.20E-03	3.51E-03	3.06E-03	4.20E-03	-1.14E-03
COURSE GRID	379000.0	3729000.0	8.17E-03	0	8.17E-03	4.42E-03	3.75E-03	3.28E-03	4.42E-03	-1.14E-03
COURSE GRID	379500.0	3729000.0	8.62E-03	0	8.62E-03	4.66E-03	3.96E-03	3.51E-03	4.66E-03	-1.15E-03

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION				REDUCED PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA IMPACT		
			IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	IMPACT		
COURSE GRID	380000.0	3729000.0	9.03E-03	4.95E-03	9.03E-03	4.95E-03	4.08E-03	3.71E-03	4.95E-03	3.71E-03	4.08E-03	-1.24E-03
COURSE GRID	380500.0	3729000.0	9.56E-03	5.47E-03	9.56E-03	5.47E-03	4.09E-03	3.99E-03	5.47E-03	3.99E-03	4.09E-03	-1.48E-03
COURSE GRID	381000.0	3729000.0	1.01E-02	5.82E-03	1.01E-02	5.82E-03	4.25E-03	4.28E-03	5.82E-03	4.28E-03	4.25E-03	-1.54E-03
COURSE GRID	381500.0	3729000.0	1.04E-02	6.14E-03	1.04E-02	6.14E-03	4.30E-03	4.50E-03	6.14E-03	4.50E-03	4.30E-03	-1.64E-03
COURSE GRID	382000.0	3729000.0	1.10E-02	6.84E-03	1.10E-02	6.84E-03	4.15E-03	4.77E-03	6.84E-03	4.77E-03	4.15E-03	-2.08E-03
COURSE GRID	382500.0	3729000.0	1.22E-02	7.86E-03	1.22E-02	7.86E-03	4.36E-03	5.26E-03	7.86E-03	5.26E-03	4.36E-03	-2.60E-03
COURSE GRID	383000.0	3729000.0	1.49E-02	1.02E-02	1.49E-02	1.02E-02	4.66E-03	6.40E-03	1.02E-02	6.40E-03	4.66E-03	-3.81E-03
COURSE GRID	383500.0	3729000.0	1.83E-02	1.20E-02	1.83E-02	1.20E-02	6.35E-03	7.94E-03	1.20E-02	7.94E-03	6.35E-03	-4.03E-03
COURSE GRID	384000.0	3729000.0	2.22E-02	1.33E-02	2.22E-02	1.33E-02	8.94E-03	9.64E-03	1.33E-02	9.64E-03	8.94E-03	-3.65E-03
COURSE GRID	384500.0	3729000.0	2.67E-02	1.44E-02	2.67E-02	1.44E-02	1.23E-02	1.18E-02	1.44E-02	1.18E-02	1.23E-02	-2.56E-03
COURSE GRID	385000.0	3729000.0	2.76E-02	1.46E-02	2.76E-02	1.46E-02	1.31E-02	1.25E-02	1.46E-02	1.25E-02	1.31E-02	-2.05E-03
COURSE GRID	385500.0	3729000.0	2.47E-02	1.37E-02	2.47E-02	1.37E-02	1.11E-02	1.14E-02	1.37E-02	1.14E-02	1.11E-02	-2.31E-03
COURSE GRID	386000.0	3729000.0	2.03E-02	1.35E-02	2.03E-02	1.35E-02	6.85E-03	9.30E-03	1.35E-02	9.30E-03	6.85E-03	-4.15E-03
COURSE GRID	386500.0	3729000.0	1.74E-02	1.30E-02	1.74E-02	1.30E-02	4.42E-03	7.86E-03	1.30E-02	7.86E-03	4.42E-03	-5.11E-03
COURSE GRID	387000.0	3729000.0	1.60E-02	1.22E-02	1.60E-02	1.22E-02	3.75E-03	7.17E-03	1.22E-02	7.17E-03	3.75E-03	-5.04E-03
COURSE GRID	387500.0	3729000.0	1.51E-02	1.16E-02	1.51E-02	1.16E-02	3.43E-03	6.75E-03	1.16E-02	6.75E-03	3.43E-03	-4.88E-03
COURSE GRID	388000.0	3729000.0	1.45E-02	1.13E-02	1.45E-02	1.13E-02	3.19E-03	6.53E-03	1.13E-02	6.53E-03	3.19E-03	-4.81E-03
COURSE GRID	388500.0	3729000.0	1.43E-02	1.18E-02	1.43E-02	1.18E-02	2.53E-03	6.58E-03	1.18E-02	6.58E-03	2.53E-03	-5.21E-03
COURSE GRID	389000.0	3729000.0	1.39E-02	1.19E-02	1.39E-02	1.19E-02	2.02E-03	6.52E-03	1.19E-02	6.52E-03	2.02E-03	-5.38E-03
COURSE GRID	389500.0	3729000.0	1.35E-02	1.19E-02	1.35E-02	1.19E-02	1.62E-03	6.42E-03	1.19E-02	6.42E-03	1.62E-03	-5.48E-03
COURSE GRID	390000.0	3729000.0	1.32E-02	1.21E-02	1.32E-02	1.21E-02	1.15E-03	6.39E-03	1.21E-02	6.39E-03	1.15E-03	-5.68E-03
COURSE GRID	390500.0	3729000.0	1.31E-02	1.24E-02	1.31E-02	1.24E-02	6.30E-04	6.41E-03	1.24E-02	6.41E-03	6.30E-04	-6.03E-03
COURSE GRID	391000.0	3729000.0	1.28E-02	1.25E-02	1.28E-02	1.25E-02	2.20E-04	6.31E-03	1.25E-02	6.31E-03	2.20E-04	-6.22E-03
COURSE GRID	391500.0	3729000.0	1.23E-02	1.25E-02	1.23E-02	1.25E-02	-1.60E-04	6.16E-03	1.25E-02	6.16E-03	-1.60E-04	-6.33E-03
COURSE GRID	392000.0	3729000.0	1.19E-02	1.25E-02	1.19E-02	1.25E-02	-6.00E-04	6.03E-03	1.25E-02	6.03E-03	-6.00E-04	-6.49E-03
COURSE GRID	392500.0	3729000.0	1.15E-02	1.26E-02	1.15E-02	1.26E-02	-1.11E-03	5.91E-03	1.26E-02	5.91E-03	-1.11E-03	-6.73E-03
COURSE GRID	393000.0	3729000.0	1.12E-02	1.27E-02	1.12E-02	1.27E-02	-1.48E-03	5.79E-03	1.27E-02	5.79E-03	-1.48E-03	-6.86E-03
COURSE GRID	393500.0	3729000.0	1.09E-02	1.26E-02	1.09E-02	1.26E-02	-1.75E-03	5.67E-03	1.26E-02	5.67E-03	-1.75E-03	-6.93E-03
COURSE GRID	377000.0	3729500.0	6.71E-03	4.20E-03	6.71E-03	4.20E-03	2.51E-03	2.63E-03	4.20E-03	2.63E-03	2.51E-03	-1.57E-03
COURSE GRID	377500.0	3729500.0	7.13E-03	4.35E-03	7.13E-03	4.35E-03	2.78E-03	2.82E-03	4.35E-03	2.82E-03	2.78E-03	-1.54E-03
COURSE GRID	378000.0	3729500.0	7.60E-03	4.60E-03	7.60E-03	4.60E-03	3.00E-03	3.04E-03	4.60E-03	3.04E-03	3.00E-03	-1.56E-03
COURSE GRID	378500.0	3729500.0	8.04E-03	4.59E-03	8.04E-03	4.59E-03	3.45E-03	3.22E-03	4.59E-03	3.22E-03	3.45E-03	-1.37E-03
COURSE GRID	379000.0	3729500.0	8.56E-03	4.67E-03	8.56E-03	4.67E-03	3.89E-03	3.43E-03	4.67E-03	3.43E-03	3.89E-03	-1.24E-03
COURSE GRID	379500.0	3729500.0	9.20E-03	5.00E-03	9.20E-03	5.00E-03	4.20E-03	3.72E-03	5.00E-03	3.72E-03	4.20E-03	-1.28E-03
COURSE GRID	380000.0	3729500.0	9.81E-03	5.32E-03	9.81E-03	5.32E-03	4.49E-03	4.04E-03	5.32E-03	4.04E-03	4.49E-03	-1.28E-03
COURSE GRID	380500.0	3729500.0	1.04E-02	5.85E-03	1.04E-02	5.85E-03	4.59E-03	4.37E-03	5.85E-03	4.37E-03	4.59E-03	-1.48E-03
COURSE GRID	381000.0	3729500.0	1.11E-02	6.35E-03	1.11E-02	6.35E-03	4.77E-03	4.75E-03	6.35E-03	4.75E-03	4.77E-03	-1.60E-03
COURSE GRID	381500.0	3729500.0	1.19E-02	6.85E-03	1.19E-02	6.85E-03	5.01E-03	5.13E-03	6.85E-03	5.13E-03	5.01E-03	-1.72E-03
COURSE GRID	382000.0	3729500.0	1.26E-02	7.75E-03	1.26E-02	7.75E-03	4.87E-03	5.58E-03	7.75E-03	5.58E-03	4.87E-03	-2.17E-03
COURSE GRID	382500.0	3729500.0	1.43E-02	9.12E-03	1.43E-02	9.12E-03	5.14E-03	6.36E-03	9.12E-03	6.36E-03	5.14E-03	-2.76E-03

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION				REDUCED PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	383000.0	3729500.0	1.77E-02	0	1.77E-02	1.21E-02	5.60E-03	7.78E-03	0	7.78E-03	1.21E-02	-4.32E-03
COURSE GRID	383500.0	3729500.0	2.22E-02	0	2.22E-02	1.45E-02	7.68E-03	9.90E-03	0	9.90E-03	1.45E-02	-4.60E-03
COURSE GRID	384000.0	3729500.0	2.68E-02	0	2.68E-02	1.57E-02	1.10E-02	1.22E-02	0	1.22E-02	1.57E-02	-3.57E-03
COURSE GRID	384500.0	3729500.0	3.14E-02	0	3.14E-02	1.68E-02	1.46E-02	1.47E-02	0	1.47E-02	1.68E-02	-2.12E-03
COURSE GRID	385000.0	3729500.0	2.84E-02	0	2.84E-02	1.58E-02	1.26E-02	1.37E-02	0	1.37E-02	1.58E-02	-2.16E-03
COURSE GRID	385500.0	3729500.0	2.39E-02	0	2.39E-02	1.47E-02	9.24E-03	1.13E-02	0	1.13E-02	1.47E-02	-3.38E-03
COURSE GRID	386000.0	3729500.0	2.05E-02	0	2.05E-02	1.46E-02	5.95E-03	9.48E-03	0	9.48E-03	1.46E-02	-5.09E-03
COURSE GRID	386500.0	3729500.0	1.86E-02	0	1.86E-02	1.34E-02	5.19E-03	8.43E-03	0	8.43E-03	1.34E-02	-4.97E-03
COURSE GRID	387000.0	3729500.0	1.73E-02	0	1.73E-02	1.28E-02	4.42E-03	7.77E-03	0	7.77E-03	1.28E-02	-5.06E-03
COURSE GRID	387500.0	3729500.0	1.63E-02	0	1.63E-02	1.21E-02	4.20E-03	7.36E-03	0	7.36E-03	1.21E-02	-4.74E-03
COURSE GRID	388000.0	3729500.0	1.56E-02	0	1.56E-02	1.19E-02	3.68E-03	7.12E-03	0	7.12E-03	1.19E-02	-4.80E-03
COURSE GRID	388500.0	3729500.0	1.52E-02	0	1.52E-02	1.25E-02	2.66E-03	7.09E-03	0	7.09E-03	1.25E-02	-5.41E-03
COURSE GRID	389000.0	3729500.0	1.46E-02	0	1.46E-02	1.23E-02	2.33E-03	6.97E-03	0	6.97E-03	1.23E-02	-5.34E-03
COURSE GRID	389500.0	3729500.0	1.43E-02	0	1.43E-02	1.24E-02	1.88E-03	6.88E-03	0	6.88E-03	1.24E-02	-5.51E-03
COURSE GRID	390000.0	3729500.0	1.41E-02	0	1.41E-02	1.29E-02	1.13E-03	6.90E-03	0	6.90E-03	1.29E-02	-6.02E-03
COURSE GRID	390500.0	3729500.0	1.39E-02	0	1.39E-02	1.33E-02	6.00E-04	6.89E-03	0	6.89E-03	1.33E-02	-6.40E-03
COURSE GRID	391000.0	3729500.0	1.35E-02	0	1.35E-02	1.33E-02	2.10E-04	6.78E-03	0	6.78E-03	1.33E-02	-6.54E-03
COURSE GRID	391500.0	3729500.0	1.31E-02	0	1.31E-02	1.33E-02	-2.20E-04	6.65E-03	0	6.65E-03	1.33E-02	-6.67E-03
COURSE GRID	392000.0	3729500.0	1.26E-02	0	1.26E-02	1.34E-02	-7.70E-04	6.48E-03	0	6.48E-03	1.34E-02	-6.93E-03
COURSE GRID	392500.0	3729500.0	1.22E-02	0	1.22E-02	1.34E-02	-1.21E-03	6.32E-03	0	6.32E-03	1.34E-02	-7.10E-03
COURSE GRID	393000.0	3729500.0	1.18E-02	0	1.18E-02	1.34E-02	-1.54E-03	6.19E-03	0	6.19E-03	1.34E-02	-7.18E-03
COURSE GRID	393500.0	3729500.0	1.15E-02	0	1.15E-02	1.33E-02	-1.82E-03	6.08E-03	0	6.08E-03	1.33E-02	-7.26E-03
COURSE GRID	377000.0	3730000.0	6.91E-03	0	6.91E-03	4.60E-03	2.31E-03	2.71E-03	0	2.71E-03	4.60E-03	-1.89E-03
COURSE GRID	377500.0	3730000.0	7.30E-03	0	7.30E-03	4.70E-03	2.61E-03	2.88E-03	0	2.88E-03	4.70E-03	-1.82E-03
COURSE GRID	378000.0	3730000.0	7.81E-03	0	7.81E-03	4.87E-03	2.94E-03	3.12E-03	0	3.12E-03	4.87E-03	-1.75E-03
COURSE GRID	378500.0	3730000.0	8.42E-03	0	8.42E-03	5.14E-03	3.28E-03	3.39E-03	0	3.39E-03	5.14E-03	-1.75E-03
COURSE GRID	379000.0	3730000.0	9.03E-03	0	9.03E-03	5.15E-03	3.88E-03	3.64E-03	0	3.64E-03	5.15E-03	-1.51E-03
COURSE GRID	379500.0	3730000.0	9.76E-03	0	9.76E-03	5.38E-03	4.38E-03	3.95E-03	0	3.95E-03	5.38E-03	-1.43E-03
COURSE GRID	380000.0	3730000.0	1.06E-02	0	1.06E-02	5.80E-03	4.84E-03	4.37E-03	0	4.37E-03	5.80E-03	-1.43E-03
COURSE GRID	380500.0	3730000.0	1.15E-02	0	1.15E-02	6.34E-03	5.13E-03	4.79E-03	0	4.79E-03	6.34E-03	-1.55E-03
COURSE GRID	381000.0	3730000.0	1.24E-02	0	1.24E-02	7.00E-03	5.38E-03	5.30E-03	0	5.30E-03	7.00E-03	-1.70E-03
COURSE GRID	381500.0	3730000.0	1.34E-02	0	1.34E-02	7.74E-03	5.67E-03	5.88E-03	0	5.88E-03	7.74E-03	-1.86E-03
COURSE GRID	382000.0	3730000.0	1.47E-02	0	1.47E-02	9.02E-03	5.70E-03	6.60E-03	0	6.60E-03	9.02E-03	-2.42E-03
COURSE GRID	382500.0	3730000.0	1.71E-02	0	1.71E-02	1.11E-02	5.97E-03	7.84E-03	0	7.84E-03	1.11E-02	-3.26E-03
COURSE GRID	383000.0	3730000.0	2.23E-02	0	2.23E-02	1.48E-02	7.44E-03	1.02E-02	0	1.02E-02	1.48E-02	-4.63E-03
COURSE GRID	383500.0	3730000.0	2.77E-02	0	2.77E-02	1.83E-02	9.44E-03	1.31E-02	0	1.31E-02	1.83E-02	-5.15E-03
COURSE GRID	384000.0	3730000.0	3.31E-02	0	3.31E-02	1.91E-02	1.40E-02	1.62E-02	0	1.62E-02	1.91E-02	-2.85E-03
COURSE GRID	384500.0	3730000.0	3.47E-02	0	3.47E-02	1.95E-02	1.53E-02	1.80E-02	0	1.80E-02	1.95E-02	-1.42E-03
COURSE GRID	385000.0	3730000.0	2.99E-02	0	2.99E-02	1.73E-02	1.26E-02	1.49E-02	0	1.49E-02	1.73E-02	-2.35E-03
COURSE GRID	385500.0	3730000.0	2.59E-02	0	2.59E-02	1.65E-02	9.45E-03	1.24E-02	0	1.24E-02	1.65E-02	-4.10E-03

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION				REDUCED PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	386000.0	3730000.0	2.26E-02	0	2.26E-02	1.54E-02	7.19E-03	1.04E-02	0	1.04E-02	1.54E-02	-4.97E-03
COURSE GRID	386500.0	3730000.0	2.03E-02	0	2.03E-02	1.41E-02	6.22E-03	9.23E-03	0	9.23E-03	1.41E-02	-4.88E-03
COURSE GRID	387000.0	3730000.0	1.90E-02	0	1.90E-02	1.33E-02	5.66E-03	8.64E-03	0	8.64E-03	1.33E-02	-4.67E-03
COURSE GRID	387500.0	3730000.0	1.78E-02	0	1.78E-02	1.26E-02	5.21E-03	8.15E-03	0	8.15E-03	1.26E-02	-4.45E-03
COURSE GRID	388000.0	3730000.0	1.70E-02	0	1.70E-02	1.28E-02	4.21E-03	7.89E-03	0	7.89E-03	1.28E-02	-4.86E-03
COURSE GRID	388500.0	3730000.0	1.64E-02	0	1.64E-02	1.30E-02	3.40E-03	7.76E-03	0	7.76E-03	1.30E-02	-5.27E-03
COURSE GRID	389000.0	3730000.0	1.58E-02	0	1.58E-02	1.29E-02	2.93E-03	7.59E-03	0	7.59E-03	1.29E-02	-5.30E-03
COURSE GRID	389500.0	3730000.0	1.55E-02	0	1.55E-02	1.35E-02	2.01E-03	7.57E-03	0	7.57E-03	1.35E-02	-5.92E-03
COURSE GRID	390000.0	3730000.0	1.53E-02	0	1.53E-02	1.39E-02	1.39E-03	7.60E-03	0	7.60E-03	1.39E-02	-6.34E-03
COURSE GRID	390500.0	3730000.0	1.51E-02	0	1.51E-02	1.42E-02	8.60E-04	7.58E-03	0	7.58E-03	1.42E-02	-6.62E-03
COURSE GRID	391000.0	3730000.0	1.47E-02	0	1.47E-02	1.44E-02	2.90E-04	7.46E-03	0	7.46E-03	1.44E-02	-6.92E-03
COURSE GRID	391500.0	3730000.0	1.41E-02	0	1.41E-02	1.44E-02	-2.90E-04	7.24E-03	0	7.24E-03	1.44E-02	-7.14E-03
COURSE GRID	392000.0	3730000.0	1.35E-02	0	1.35E-02	1.43E-02	-7.80E-04	6.99E-03	0	6.99E-03	1.43E-02	-7.30E-03
COURSE GRID	392500.0	3730000.0	1.30E-02	0	1.30E-02	1.43E-02	-1.25E-03	6.81E-03	0	6.81E-03	1.43E-02	-7.48E-03
COURSE GRID	393000.0	3730000.0	1.27E-02	0	1.27E-02	1.43E-02	-1.68E-03	6.69E-03	0	6.69E-03	1.43E-02	-7.64E-03
COURSE GRID	393500.0	3730000.0	1.23E-02	0	1.23E-02	1.45E-02	-2.13E-03	6.60E-03	0	6.60E-03	1.45E-02	-7.88E-03
COURSE GRID	377000.0	3730500.0	7.19E-03	0	7.19E-03	4.67E-03	2.52E-03	2.84E-03	0	2.84E-03	4.67E-03	-1.83E-03
COURSE GRID	377500.0	3730500.0	7.65E-03	0	7.65E-03	5.07E-03	2.58E-03	3.03E-03	0	3.03E-03	5.07E-03	-2.04E-03
COURSE GRID	378000.0	3730500.0	8.17E-03	0	8.17E-03	5.40E-03	2.77E-03	3.24E-03	0	3.24E-03	5.40E-03	-2.16E-03
COURSE GRID	378500.0	3730500.0	8.79E-03	0	8.79E-03	5.58E-03	3.21E-03	3.54E-03	0	3.54E-03	5.58E-03	-2.04E-03
COURSE GRID	379000.0	3730500.0	9.55E-03	0	9.55E-03	5.89E-03	3.66E-03	3.88E-03	0	3.88E-03	5.89E-03	-2.01E-03
COURSE GRID	379500.0	3730500.0	1.04E-02	0	1.04E-02	5.95E-03	4.43E-03	4.23E-03	0	4.23E-03	5.95E-03	-1.72E-03
COURSE GRID	380000.0	3730500.0	1.06E-02	0	1.06E-02	5.72E-03	4.86E-03	4.22E-03	0	4.22E-03	5.72E-03	-1.50E-03
COURSE GRID	380500.0	3730500.0	1.17E-02	0	1.17E-02	6.00E-03	5.69E-03	4.70E-03	0	4.70E-03	6.00E-03	-1.30E-03
COURSE GRID	381000.0	3730500.0	1.40E-02	0	1.40E-02	7.94E-03	6.09E-03	5.98E-03	0	5.98E-03	7.94E-03	-1.96E-03
COURSE GRID	381500.0	3730500.0	1.53E-02	0	1.53E-02	8.93E-03	6.40E-03	6.74E-03	0	6.74E-03	8.93E-03	-2.20E-03
COURSE GRID	382000.0	3730500.0	1.72E-02	0	1.72E-02	1.08E-02	6.42E-03	7.88E-03	0	7.88E-03	1.08E-02	-2.91E-03
COURSE GRID	382500.0	3730500.0	2.15E-02	0	2.15E-02	1.44E-02	7.08E-03	1.01E-02	0	1.01E-02	1.44E-02	-4.24E-03
COURSE GRID	383000.0	3730500.0	2.96E-02	0	2.96E-02	1.96E-02	9.99E-03	1.44E-02	0	1.44E-02	1.96E-02	-5.17E-03
COURSE GRID	383500.0	3730500.0	3.68E-02	0	3.68E-02	2.41E-02	1.27E-02	1.93E-02	0	1.93E-02	2.41E-02	-4.79E-03
COURSE GRID	384000.0	3730500.0	3.83E-02	0	3.83E-02	2.29E-02	1.53E-02	2.08E-02	0	2.08E-02	2.29E-02	-2.11E-03
COURSE GRID	384500.0	3730500.0	3.69E-02	0	3.69E-02	2.22E-02	1.47E-02	2.07E-02	0	2.07E-02	2.22E-02	-1.53E-03
COURSE GRID	385000.0	3730500.0	3.67E-02	0	3.67E-02	2.03E-02	1.63E-02	1.92E-02	0	1.92E-02	2.03E-02	-1.17E-03
COURSE GRID	385500.0	3730500.0	2.93E-02	0	2.93E-02	1.79E-02	1.14E-02	1.41E-02	0	1.41E-02	1.79E-02	-3.82E-03
COURSE GRID	386000.0	3730500.0	2.59E-02	0	2.59E-02	1.64E-02	9.49E-03	1.22E-02	0	1.22E-02	1.64E-02	-4.23E-03
COURSE GRID	386500.0	3730500.0	2.33E-02	0	2.33E-02	1.47E-02	8.64E-03	1.08E-02	0	1.08E-02	1.47E-02	-3.87E-03
COURSE GRID	387000.0	3730500.0	2.12E-02	0	2.12E-02	1.40E-02	7.21E-03	9.82E-03	0	9.82E-03	1.40E-02	-4.14E-03
COURSE GRID	387500.0	3730500.0	1.96E-02	0	1.96E-02	1.34E-02	6.24E-03	9.08E-03	0	9.08E-03	1.34E-02	-4.31E-03
COURSE GRID	388000.0	3730500.0	1.86E-02	0	1.86E-02	1.35E-02	5.05E-03	8.73E-03	0	8.73E-03	1.35E-02	-4.80E-03
COURSE GRID	388500.0	3730500.0	1.80E-02	0	1.80E-02	1.38E-02	4.20E-03	8.59E-03	0	8.59E-03	1.38E-02	-5.17E-03

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION				REDUCED PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	389000.0	3730500.0	1.75E-02	0	1.75E-02	1.40E-02	3.43E-03	8.50E-03	0	8.50E-03	1.40E-02	-5.53E-03
COURSE GRID	389500.0	3730500.0	1.71E-02	0	1.71E-02	1.47E-02	2.42E-03	8.50E-03	0	8.50E-03	1.47E-02	-6.15E-03
COURSE GRID	390500.0	3730500.0	1.69E-02	0	1.69E-02	1.51E-02	1.79E-03	8.51E-03	0	8.51E-03	1.51E-02	-6.58E-03
COURSE GRID	390500.0	3730500.0	1.65E-02	0	1.65E-02	1.56E-02	9.20E-04	8.48E-03	0	8.48E-03	1.56E-02	-7.12E-03
COURSE GRID	391000.0	3730500.0	1.59E-02	0	1.59E-02	1.56E-02	3.40E-04	8.20E-03	0	8.20E-03	1.56E-02	-7.36E-03
COURSE GRID	391500.0	3730500.0	1.50E-02	0	1.50E-02	1.53E-02	-3.00E-04	7.80E-03	0	7.80E-03	1.53E-02	-7.54E-03
COURSE GRID	392000.0	3730500.0	1.44E-02	0	1.44E-02	1.53E-02	-8.80E-04	7.52E-03	0	7.52E-03	1.53E-02	-7.75E-03
COURSE GRID	392500.0	3730500.0	1.39E-02	0	1.39E-02	1.54E-02	-1.49E-03	7.35E-03	0	7.35E-03	1.54E-02	-8.03E-03
COURSE GRID	393000.0	3730500.0	1.35E-02	0	1.35E-02	1.56E-02	-2.07E-03	7.23E-03	0	7.23E-03	1.56E-02	-8.33E-03
COURSE GRID	393500.0	3730500.0	1.31E-02	0	1.31E-02	1.55E-02	-2.48E-03	7.08E-03	0	7.08E-03	1.55E-02	-8.46E-03
COURSE GRID	377000.0	3731000.0	7.46E-03	0	7.46E-03	4.99E-03	2.47E-03	2.95E-03	0	2.95E-03	4.99E-03	-2.04E-03
COURSE GRID	377500.0	3731000.0	7.96E-03	0	7.96E-03	5.29E-03	2.67E-03	3.17E-03	0	3.17E-03	5.29E-03	-2.12E-03
COURSE GRID	378000.0	3731000.0	8.57E-03	0	8.57E-03	5.69E-03	2.88E-03	3.42E-03	0	3.42E-03	5.69E-03	-2.27E-03
COURSE GRID	378500.0	3731000.0	9.30E-03	0	9.30E-03	6.38E-03	2.92E-03	3.74E-03	0	3.74E-03	6.38E-03	-2.64E-03
COURSE GRID	379000.0	3731000.0	9.86E-03	0	9.86E-03	6.50E-03	3.36E-03	4.01E-03	0	4.01E-03	6.50E-03	-2.50E-03
COURSE GRID	379500.0	3731000.0	1.02E-02	0	1.02E-02	5.96E-03	4.21E-03	4.04E-03	0	4.04E-03	5.96E-03	-1.92E-03
COURSE GRID	380000.0	3731000.0	1.04E-02	0	1.04E-02	4.83E-03	5.59E-03	3.95E-03	0	3.95E-03	4.83E-03	-8.77E-04
COURSE GRID	380500.0	3731000.0	1.29E-02	0	1.29E-02	6.80E-03	6.11E-03	5.21E-03	0	5.21E-03	6.80E-03	-1.60E-03
COURSE GRID	381000.0	3731000.0	1.60E-02	0	1.60E-02	9.17E-03	6.79E-03	6.79E-03	0	6.79E-03	9.17E-03	-2.38E-03
COURSE GRID	381500.0	3731000.0	1.83E-02	0	1.83E-02	1.06E-02	7.64E-03	8.03E-03	0	8.03E-03	1.06E-02	-2.58E-03
COURSE GRID	382000.0	3731000.0	2.06E-02	0	2.06E-02	1.34E-02	7.17E-03	9.60E-03	0	9.60E-03	1.34E-02	-3.79E-03
COURSE GRID	382500.0	3731000.0	2.84E-02	0	2.84E-02	2.04E-02	7.93E-03	1.40E-02	0	1.40E-02	2.04E-02	-6.42E-03
COURSE GRID	383000.0	3731000.0	4.26E-02	0	4.26E-02	2.99E-02	1.27E-02	2.27E-02	0	2.27E-02	2.99E-02	-7.16E-03
COURSE GRID	383500.0	3731000.0	3.84E-02	0	3.84E-02	2.96E-02	8.83E-03	2.16E-02	0	2.16E-02	2.96E-02	-7.97E-03
COURSE GRID	384000.0	3731000.0	5.14E-02	0	5.14E-02	3.00E-02	2.14E-02	3.09E-02	0	3.09E-02	3.00E-02	9.68E-04
COURSE GRID	384500.0	3731000.0	5.20E-02	0	5.20E-02	2.71E-02	2.49E-02	2.86E-02	0	2.86E-02	2.71E-02	1.53E-03
COURSE GRID	385000.0	3731000.0	4.24E-02	0	4.24E-02	2.24E-02	2.01E-02	2.19E-02	0	2.19E-02	2.24E-02	-4.90E-04
COURSE GRID	385500.0	3731000.0	3.56E-02	0	3.56E-02	1.97E-02	1.59E-02	1.76E-02	0	1.76E-02	1.97E-02	-2.03E-03
COURSE GRID	386000.0	3731000.0	2.99E-02	0	2.99E-02	1.72E-02	1.27E-02	1.44E-02	0	1.44E-02	1.72E-02	-2.83E-03
COURSE GRID	386500.0	3731000.0	2.63E-02	0	2.63E-02	1.54E-02	1.09E-02	1.24E-02	0	1.24E-02	1.54E-02	-3.03E-03
COURSE GRID	387000.0	3731000.0	2.39E-02	0	2.39E-02	1.48E-02	9.12E-03	1.12E-02	0	1.12E-02	1.48E-02	-3.54E-03
COURSE GRID	387500.0	3731000.0	2.22E-02	0	2.22E-02	1.43E-02	7.91E-03	1.04E-02	0	1.04E-02	1.43E-02	-3.84E-03
COURSE GRID	388000.0	3731000.0	2.09E-02	0	2.09E-02	1.44E-02	6.47E-03	9.99E-03	0	9.99E-03	1.44E-02	-4.42E-03
COURSE GRID	388500.0	3731000.0	2.00E-02	0	2.00E-02	1.49E-02	5.19E-03	9.75E-03	0	9.75E-03	1.49E-02	-5.10E-03
COURSE GRID	389000.0	3731000.0	1.93E-02	0	1.93E-02	1.55E-02	3.87E-03	9.62E-03	0	9.62E-03	1.55E-02	-5.85E-03
COURSE GRID	389500.0	3731000.0	1.89E-02	0	1.89E-02	1.62E-02	2.66E-03	9.56E-03	0	9.56E-03	1.62E-02	-6.65E-03
COURSE GRID	390000.0	3731000.0	1.84E-02	0	1.84E-02	1.68E-02	1.61E-03	9.50E-03	0	9.50E-03	1.68E-02	-7.26E-03
COURSE GRID	390500.0	3731000.0	1.78E-02	0	1.78E-02	1.72E-02	5.90E-04	9.36E-03	0	9.36E-03	1.72E-02	-7.88E-03
COURSE GRID	391000.0	3731000.0	1.67E-02	0	1.67E-02	1.67E-02	-4.00E-05	8.76E-03	0	8.76E-03	1.67E-02	-7.98E-03
COURSE GRID	391500.0	3731000.0	1.58E-02	0	1.58E-02	1.65E-02	-7.10E-04	8.28E-03	0	8.28E-03	1.65E-02	-8.21E-03

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION									
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT			
COURSE GRID	392000.0	3731000.0	1.52E-02	1.66E-02	1.52E-02	1.66E-02	1.45E-03	8.07E-03	1.66E-02	8.07E-03	1.45E-03	8.07E-03	1.66E-02	8.07E-03	1.45E-03
COURSE GRID	392500.0	3731000.0	1.47E-02	1.68E-02	1.47E-02	1.68E-02	-2.09E-03	7.89E-03	1.68E-02	7.89E-03	-2.09E-03	7.89E-03	1.68E-02	7.89E-03	-2.09E-03
COURSE GRID	393000.0	3731000.0	1.41E-02	1.66E-02	1.41E-02	1.66E-02	-2.51E-03	7.67E-03	1.66E-02	7.67E-03	-2.51E-03	7.67E-03	1.66E-02	7.67E-03	-2.51E-03
COURSE GRID	393500.0	3731000.0	1.35E-02	1.64E-02	1.35E-02	1.64E-02	-2.85E-03	7.43E-03	1.64E-02	7.43E-03	-2.85E-03	7.43E-03	1.64E-02	7.43E-03	-2.85E-03
COURSE GRID	377000.0	3731500.0	7.71E-03	5.17E-03	7.71E-03	5.17E-03	2.54E-03	3.05E-03	5.17E-03	3.05E-03	2.54E-03	3.05E-03	5.17E-03	3.05E-03	2.54E-03
COURSE GRID	377500.0	3731500.0	8.30E-03	5.65E-03	8.30E-03	5.65E-03	2.64E-03	3.29E-03	5.65E-03	3.29E-03	2.64E-03	3.29E-03	5.65E-03	3.29E-03	2.64E-03
COURSE GRID	378000.0	3731500.0	8.17E-03	5.44E-03	8.17E-03	5.44E-03	2.73E-03	3.19E-03	5.44E-03	3.19E-03	2.73E-03	3.19E-03	5.44E-03	3.19E-03	2.73E-03
COURSE GRID	378500.0	3731500.0	8.80E-03	5.62E-03	8.80E-03	5.62E-03	3.18E-03	3.43E-03	5.62E-03	3.43E-03	3.18E-03	3.43E-03	5.62E-03	3.43E-03	3.18E-03
COURSE GRID	379000.0	3731500.0	9.01E-03	5.75E-03	9.01E-03	5.75E-03	3.26E-03	3.42E-03	5.75E-03	3.42E-03	3.26E-03	3.42E-03	5.75E-03	3.42E-03	3.26E-03
COURSE GRID	379500.0	3731500.0	1.06E-02	6.31E-03	1.06E-02	6.31E-03	4.34E-03	4.14E-03	6.31E-03	4.14E-03	4.34E-03	4.14E-03	6.31E-03	4.14E-03	4.34E-03
COURSE GRID	380000.0	3731500.0	1.20E-02	6.44E-03	1.20E-02	6.44E-03	5.51E-03	4.67E-03	6.44E-03	4.67E-03	5.51E-03	4.67E-03	6.44E-03	4.67E-03	5.51E-03
COURSE GRID	380500.0	3731500.0	1.46E-02	8.60E-03	1.46E-02	8.60E-03	5.98E-03	6.02E-03	8.60E-03	6.02E-03	5.98E-03	6.02E-03	8.60E-03	6.02E-03	5.98E-03
COURSE GRID	381000.0	3731500.0	1.82E-02	1.06E-02	1.82E-02	1.06E-02	7.56E-03	7.81E-03	1.06E-02	7.81E-03	7.56E-03	7.81E-03	1.06E-02	7.81E-03	7.56E-03
COURSE GRID	381500.0	3731500.0	2.22E-02	1.32E-02	2.22E-02	1.32E-02	9.02E-03	9.86E-03	1.32E-02	9.86E-03	9.02E-03	9.86E-03	1.32E-02	9.86E-03	9.02E-03
COURSE GRID	382000.0	3731500.0	2.63E-02	1.78E-02	2.63E-02	1.78E-02	8.54E-03	1.26E-02	1.78E-02	1.26E-02	8.54E-03	1.26E-02	1.78E-02	1.26E-02	8.54E-03
COURSE GRID	382500.0	3731500.0	3.36E-02	2.94E-02	3.36E-02	2.94E-02	4.19E-03	1.76E-02	2.94E-02	1.76E-02	4.19E-03	1.76E-02	2.94E-02	1.76E-02	4.19E-03
COURSE GRID	383000.0	3731500.0	4.39E-02	3.63E-02	4.39E-02	3.63E-02	7.56E-03	2.28E-02	3.63E-02	2.28E-02	7.56E-03	2.28E-02	3.63E-02	2.28E-02	7.56E-03
COURSE GRID	384500.0	3731500.0	4.57E-02	2.67E-02	4.57E-02	2.67E-02	1.90E-02	2.36E-02	2.67E-02	2.36E-02	1.90E-02	2.36E-02	2.67E-02	2.36E-02	1.90E-02
COURSE GRID	385000.0	3731500.0	4.37E-02	2.31E-02	4.37E-02	2.31E-02	2.07E-02	2.24E-02	2.31E-02	2.24E-02	2.07E-02	2.24E-02	2.31E-02	2.24E-02	2.07E-02
COURSE GRID	385500.0	3731500.0	3.92E-02	2.04E-02	3.92E-02	2.04E-02	1.89E-02	1.97E-02	2.04E-02	1.97E-02	1.89E-02	1.97E-02	2.04E-02	1.97E-02	1.89E-02
COURSE GRID	386000.0	3731500.0	3.42E-02	1.78E-02	3.42E-02	1.78E-02	1.65E-02	1.67E-02	1.78E-02	1.67E-02	1.65E-02	1.67E-02	1.78E-02	1.67E-02	1.65E-02
COURSE GRID	386500.0	3731500.0	2.99E-02	1.63E-02	2.99E-02	1.63E-02	1.36E-02	1.44E-02	1.63E-02	1.44E-02	1.36E-02	1.44E-02	1.63E-02	1.44E-02	1.36E-02
COURSE GRID	387000.0	3731500.0	2.67E-02	1.58E-02	2.67E-02	1.58E-02	1.09E-02	1.28E-02	1.58E-02	1.28E-02	1.09E-02	1.28E-02	1.58E-02	1.28E-02	1.09E-02
COURSE GRID	387500.0	3731500.0	2.42E-02	1.51E-02	2.42E-02	1.51E-02	9.10E-03	1.16E-02	1.51E-02	1.16E-02	9.10E-03	1.16E-02	1.51E-02	1.16E-02	9.10E-03
COURSE GRID	388000.0	3731500.0	2.27E-02	1.59E-02	2.27E-02	1.59E-02	6.78E-03	1.11E-02	1.59E-02	1.11E-02	6.78E-03	1.11E-02	1.59E-02	1.11E-02	6.78E-03
COURSE GRID	388500.0	3731500.0	2.17E-02	1.64E-02	2.17E-02	1.64E-02	5.32E-03	1.08E-02	1.64E-02	1.08E-02	5.32E-03	1.08E-02	1.64E-02	1.08E-02	5.32E-03
COURSE GRID	389000.0	3731500.0	2.10E-02	1.75E-02	2.10E-02	1.75E-02	3.51E-03	1.07E-02	1.75E-02	1.07E-02	3.51E-03	1.07E-02	1.75E-02	1.07E-02	3.51E-03
COURSE GRID	389500.0	3731500.0	2.04E-02	1.83E-02	2.04E-02	1.83E-02	2.07E-03	1.07E-02	1.83E-02	1.07E-02	2.07E-03	1.07E-02	1.83E-02	1.07E-02	2.07E-03
COURSE GRID	390000.0	3731500.0	1.99E-02	1.90E-02	1.99E-02	1.90E-02	9.00E-04	1.07E-02	1.90E-02	1.07E-02	9.00E-04	1.07E-02	1.90E-02	1.07E-02	9.00E-04
COURSE GRID	390500.0	3731500.0	1.89E-02	1.90E-02	1.89E-02	1.90E-02	-1.20E-04	1.03E-02	1.90E-02	1.03E-02	-1.20E-04	1.03E-02	1.90E-02	1.03E-02	-1.20E-04
COURSE GRID	391000.0	3731500.0	1.75E-02	1.82E-02	1.75E-02	1.82E-02	-6.70E-04	9.34E-03	1.82E-02	9.34E-03	-6.70E-04	9.34E-03	1.82E-02	9.34E-03	-6.70E-04
COURSE GRID	391500.0	3731500.0	1.67E-02	1.83E-02	1.67E-02	1.83E-02	-1.56E-03	9.03E-03	1.83E-02	9.03E-03	-1.56E-03	9.03E-03	1.83E-02	9.03E-03	-1.56E-03
COURSE GRID	392000.0	3731500.0	1.60E-02	1.81E-02	1.60E-02	1.81E-02	-2.06E-03	8.71E-03	1.81E-02	8.71E-03	-2.06E-03	8.71E-03	1.81E-02	8.71E-03	-2.06E-03
COURSE GRID	392500.0	3731500.0	1.53E-02	1.79E-02	1.53E-02	1.79E-02	-2.58E-03	8.39E-03	1.79E-02	8.39E-03	-2.58E-03	8.39E-03	1.79E-02	8.39E-03	-2.58E-03
COURSE GRID	393000.0	3731500.0	1.46E-02	1.76E-02	1.46E-02	1.76E-02	-2.98E-03	8.08E-03	1.76E-02	8.08E-03	-2.98E-03	8.08E-03	1.76E-02	8.08E-03	-2.98E-03
COURSE GRID	393500.0	3731500.0	1.40E-02	1.73E-02	1.40E-02	1.73E-02	-3.33E-03	7.82E-03	1.73E-02	7.82E-03	-3.33E-03	7.82E-03	1.73E-02	7.82E-03	-3.33E-03
COURSE GRID	377000.0	3732000.0	7.13E-03	4.42E-03	7.13E-03	4.42E-03	2.71E-03	2.73E-03	4.42E-03	2.73E-03	2.71E-03	2.73E-03	4.42E-03	2.73E-03	2.71E-03
COURSE GRID	377500.0	3732000.0	7.74E-03	5.12E-03	7.74E-03	5.12E-03	2.62E-03	2.98E-03	5.12E-03	2.98E-03	2.62E-03	2.98E-03	5.12E-03	2.98E-03	2.62E-03
COURSE GRID	378000.0	3732000.0	8.04E-03	5.08E-03	8.04E-03	5.08E-03	2.96E-03	3.05E-03	5.08E-03	3.05E-03	2.96E-03	3.05E-03	5.08E-03	3.05E-03	2.96E-03
COURSE GRID	378500.0	3732000.0	8.06E-03	5.02E-03	8.06E-03	5.02E-03	3.04E-03	3.02E-03	5.02E-03	3.02E-03	3.04E-03	3.02E-03	5.02E-03	3.02E-03	3.04E-03

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE
COURSE GRID	379000.0	3732000.0	9.33E-03	0	9.33E-03	5.79E-03	3.54E-03	0	3.53E-03	5.79E-03	-2.27E-03
COURSE GRID	379500.0	3732000.0	1.10E-02	0	1.10E-02	7.23E-03	3.80E-03	0	4.26E-03	7.23E-03	-2.97E-03
COURSE GRID	380000.0	3732000.0	1.25E-02	0	1.25E-02	7.63E-03	4.87E-03	0	4.84E-03	7.63E-03	-2.79E-03
COURSE GRID	380500.0	3732000.0	1.53E-02	0	1.53E-02	1.01E-02	5.19E-03	0	6.39E-03	1.01E-02	-3.76E-03
COURSE GRID	381000.0	3732000.0	1.83E-02	0	1.83E-02	1.22E-02	6.09E-03	0	7.91E-03	1.22E-02	-4.30E-03
COURSE GRID	381500.0	3732000.0	2.35E-02	0	2.35E-02	1.64E-02	7.07E-03	0	1.07E-02	1.64E-02	-5.72E-03
COURSE GRID	382000.0	3732000.0	3.00E-02	0	3.00E-02	2.41E-02	5.88E-03	0	1.47E-02	2.41E-02	-9.44E-03
COURSE GRID	382500.0	3732000.0	3.37E-02	0	3.37E-02	4.05E-02	-6.80E-03	0	1.82E-02	4.05E-02	-2.23E-02
COURSE GRID	383000.0	3732000.0	3.78E-02	0	3.78E-02	4.55E-02	-7.76E-03	0	2.00E-02	4.55E-02	-2.55E-02
COURSE GRID	383500.0	3732000.0	4.54E-02	0	4.54E-02	3.85E-02	6.88E-03	0	2.11E-02	3.85E-02	-1.74E-02
COURSE GRID	384000.0	3732000.0	5.92E-02	0	5.92E-02	3.05E-02	2.87E-02	0	2.47E-02	3.05E-02	-5.81E-03
COURSE GRID	384500.0	3732000.0	5.31E-02	0	5.31E-02	2.64E-02	2.67E-02	0	2.43E-02	2.64E-02	-2.08E-03
COURSE GRID	385000.0	3732000.0	4.78E-02	0	4.78E-02	2.33E-02	2.45E-02	0	2.41E-02	2.33E-02	8.50E-04
COURSE GRID	385500.0	3732000.0	4.21E-02	0	4.21E-02	2.06E-02	2.15E-02	0	2.12E-02	2.06E-02	5.80E-04
COURSE GRID	386000.0	3732000.0	3.64E-02	0	3.64E-02	1.84E-02	1.80E-02	0	1.80E-02	1.84E-02	-4.00E-04
COURSE GRID	386500.0	3732000.0	3.23E-02	0	3.23E-02	1.74E-02	1.49E-02	0	1.58E-02	1.74E-02	-1.67E-03
COURSE GRID	387000.0	3732000.0	2.91E-02	0	2.91E-02	1.70E-02	1.20E-02	0	1.42E-02	1.70E-02	-2.84E-03
COURSE GRID	387500.0	3732000.0	2.65E-02	0	2.65E-02	1.67E-02	9.76E-03	0	1.30E-02	1.67E-02	-3.77E-03
COURSE GRID	388000.0	3732000.0	2.50E-02	0	2.50E-02	1.79E-02	7.14E-03	0	1.25E-02	1.79E-02	-5.42E-03
COURSE GRID	388500.0	3732000.0	2.39E-02	0	2.39E-02	1.88E-02	5.17E-03	0	1.22E-02	1.88E-02	-6.56E-03
COURSE GRID	389000.0	3732000.0	2.33E-02	0	2.33E-02	2.02E-02	3.04E-03	0	1.22E-02	2.02E-02	-7.97E-03
COURSE GRID	389500.0	3732000.0	2.27E-02	0	2.27E-02	2.13E-02	1.42E-03	0	1.24E-02	2.13E-02	-8.91E-03
COURSE GRID	390000.0	3732000.0	2.14E-02	0	2.14E-02	2.13E-02	1.20E-04	0	1.19E-02	2.13E-02	-9.40E-03
COURSE GRID	390500.0	3732000.0	2.12E-02	0	2.12E-02	2.25E-02	-1.32E-03	0	1.21E-02	2.25E-02	-1.04E-02
COURSE GRID	391000.0	3732000.0	1.92E-02	0	1.92E-02	2.09E-02	-1.68E-03	0	1.07E-02	2.09E-02	-1.02E-02
COURSE GRID	391500.0	3732000.0	1.80E-02	0	1.80E-02	2.01E-02	-2.13E-03	0	9.93E-03	2.01E-02	-1.02E-02
COURSE GRID	392000.0	3732000.0	1.69E-02	0	1.69E-02	1.95E-02	-2.60E-03	0	9.38E-03	1.95E-02	-1.02E-02
COURSE GRID	392500.0	3732000.0	1.61E-02	0	1.61E-02	1.91E-02	-3.08E-03	0	8.95E-03	1.91E-02	-1.02E-02
COURSE GRID	393000.0	3732000.0	1.53E-02	0	1.53E-02	1.88E-02	-3.51E-03	0	8.60E-03	1.88E-02	-1.02E-02
COURSE GRID	393500.0	3732000.0	1.46E-02	0	1.46E-02	1.85E-02	-3.88E-03	0	8.27E-03	1.85E-02	-1.02E-02
COURSE GRID	377000.0	3732500.0	6.89E-03	0	6.89E-03	4.38E-03	2.51E-03	0	2.61E-03	4.38E-03	-1.78E-03
COURSE GRID	377500.0	3732500.0	6.97E-03	0	6.97E-03	4.24E-03	2.74E-03	0	2.60E-03	4.24E-03	-1.64E-03
COURSE GRID	378000.0	3732500.0	7.24E-03	0	7.24E-03	4.34E-03	2.90E-03	0	2.71E-03	4.34E-03	-1.64E-03
COURSE GRID	378500.0	3732500.0	7.76E-03	0	7.76E-03	4.69E-03	3.06E-03	0	2.90E-03	4.69E-03	-1.79E-03
COURSE GRID	379000.0	3732500.0	9.35E-03	0	9.35E-03	6.19E-03	3.16E-03	0	3.55E-03	6.19E-03	-2.64E-03
COURSE GRID	379500.0	3732500.0	1.12E-02	0	1.12E-02	7.92E-03	3.29E-03	0	4.34E-03	7.92E-03	-3.59E-03
COURSE GRID	380000.0	3732500.0	1.33E-02	0	1.33E-02	1.08E-02	2.51E-03	0	5.45E-03	1.08E-02	-5.37E-03
COURSE GRID	380500.0	3732500.0	1.55E-02	0	1.55E-02	1.44E-02	1.09E-03	0	6.62E-03	1.44E-02	-7.80E-03
COURSE GRID	381000.0	3732500.0	1.79E-02	0	1.79E-02	1.65E-02	1.50E-03	0	8.03E-03	1.65E-02	-8.42E-03
COURSE GRID	381500.0	3732500.0	2.12E-02	0	2.12E-02	2.04E-02	8.41E-04	0	9.90E-03	2.04E-02	-1.05E-02

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION				REDUCED PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	382000.0	3732500.0	2.66E-02	0	2.66E-02	3.24E-02	-5.79E-03	1.35E-02	0	1.35E-02	3.24E-02	-1.89E-02
COURSE GRID	382500.0	3732500.0	3.92E-02	0	3.92E-02	6.14E-02	-2.19E-02	1.96E-02	0	1.96E-02	6.14E-02	-4.18E-02
COURSE GRID	383000.0	3732500.0	3.08E-02	0	3.08E-02	5.27E-02	-2.19E-02	1.51E-02	0	1.51E-02	5.27E-02	-3.76E-02
COURSE GRID	383500.0	3732500.0	3.02E-02	0	3.02E-02	3.71E-02	-6.88E-03	1.41E-02	0	1.41E-02	3.71E-02	-2.30E-02
COURSE GRID	384000.0	3732500.0	3.40E-02	0	3.40E-02	2.80E-02	5.98E-03	1.51E-02	0	1.51E-02	2.80E-02	-1.29E-02
COURSE GRID	384500.0	3732500.0	3.83E-02	0	3.83E-02	2.49E-02	1.34E-02	1.69E-02	0	1.69E-02	2.49E-02	-8.00E-03
COURSE GRID	385000.0	3732500.0	4.24E-02	0	4.24E-02	2.34E-02	1.90E-02	1.88E-02	0	1.88E-02	2.34E-02	-4.68E-03
COURSE GRID	385500.0	3732500.0	4.14E-02	0	4.14E-02	2.13E-02	2.00E-02	1.89E-02	0	1.89E-02	2.13E-02	-2.40E-03
COURSE GRID	386000.0	3732500.0	3.89E-02	0	3.89E-02	1.97E-02	1.92E-02	1.85E-02	0	1.85E-02	1.97E-02	-1.26E-03
COURSE GRID	386500.0	3732500.0	3.53E-02	0	3.53E-02	1.88E-02	1.65E-02	1.71E-02	0	1.71E-02	1.88E-02	-1.66E-03
COURSE GRID	387000.0	3732500.0	3.18E-02	0	3.18E-02	1.86E-02	1.31E-02	1.56E-02	0	1.56E-02	1.86E-02	-3.03E-03
COURSE GRID	387500.0	3732500.0	2.93E-02	0	2.93E-02	1.88E-02	1.05E-02	1.46E-02	0	1.46E-02	1.88E-02	-4.19E-03
COURSE GRID	388000.0	3732500.0	2.81E-02	0	2.81E-02	2.04E-02	7.67E-03	1.43E-02	0	1.43E-02	2.04E-02	-6.09E-03
COURSE GRID	388500.0	3732500.0	2.73E-02	0	2.73E-02	2.21E-02	5.18E-03	1.43E-02	0	1.43E-02	2.21E-02	-7.73E-03
COURSE GRID	389000.0	3732500.0	2.66E-02	0	2.66E-02	2.38E-02	2.75E-03	1.45E-02	0	1.45E-02	2.38E-02	-9.30E-03
COURSE GRID	389500.0	3732500.0	2.50E-02	0	2.50E-02	2.38E-02	1.17E-03	1.39E-02	0	1.39E-02	2.38E-02	-9.89E-03
COURSE GRID	390000.0	3732500.0	2.49E-02	0	2.49E-02	2.59E-02	-1.00E-03	1.45E-02	0	1.45E-02	2.59E-02	-1.15E-02
COURSE GRID	390500.0	3732500.0	2.29E-02	0	2.29E-02	2.45E-02	-1.56E-03	1.31E-02	0	1.31E-02	2.45E-02	-1.14E-02
COURSE GRID	391000.0	3732500.0	2.10E-02	0	2.10E-02	2.31E-02	-2.03E-03	1.19E-02	0	1.19E-02	2.31E-02	-1.12E-02
COURSE GRID	391500.0	3732500.0	1.94E-02	0	1.94E-02	2.21E-02	-2.73E-03	1.09E-02	0	1.09E-02	2.21E-02	-1.12E-02
COURSE GRID	392000.0	3732500.0	1.81E-02	0	1.81E-02	2.13E-02	-3.26E-03	1.02E-02	0	1.02E-02	2.13E-02	-1.11E-02
COURSE GRID	392500.0	3732500.0	1.71E-02	0	1.71E-02	2.08E-02	-3.71E-03	9.69E-03	0	9.69E-03	2.08E-02	-1.11E-02
COURSE GRID	393000.0	3732500.0	1.62E-02	0	1.62E-02	2.02E-02	-4.08E-03	9.22E-03	0	9.22E-03	2.02E-02	-1.10E-02
COURSE GRID	393500.0	3732500.0	1.53E-02	0	1.53E-02	1.94E-02	-4.10E-03	8.74E-03	0	8.74E-03	1.94E-02	-1.06E-02
COURSE GRID	377000.0	3733000.0	5.86E-03	0	5.86E-03	3.23E-03	2.63E-03	2.15E-03	0	2.15E-03	3.23E-03	-1.08E-03
COURSE GRID	377500.0	3733000.0	6.08E-03	0	6.08E-03	3.57E-03	2.51E-03	2.25E-03	0	2.25E-03	3.57E-03	-1.32E-03
COURSE GRID	378000.0	3733000.0	6.63E-03	0	6.63E-03	4.15E-03	2.49E-03	2.46E-03	0	2.46E-03	4.15E-03	-1.69E-03
COURSE GRID	378500.0	3733000.0	8.33E-03	0	8.33E-03	5.77E-03	2.56E-03	3.16E-03	0	3.16E-03	5.77E-03	-2.61E-03
COURSE GRID	379000.0	3733000.0	9.60E-03	0	9.60E-03	7.23E-03	2.37E-03	3.75E-03	0	3.75E-03	7.23E-03	-3.49E-03
COURSE GRID	379500.0	3733000.0	1.09E-02	0	1.09E-02	9.10E-03	1.81E-03	4.36E-03	0	4.36E-03	9.10E-03	-4.74E-03
COURSE GRID	380000.0	3733000.0	1.24E-02	0	1.24E-02	1.26E-02	-1.88E-04	5.15E-03	0	5.15E-03	1.26E-02	-7.46E-03
COURSE GRID	380500.0	3733000.0	1.43E-02	0	1.43E-02	1.75E-02	-3.24E-03	6.13E-03	0	6.13E-03	1.75E-02	-1.14E-02
COURSE GRID	381000.0	3733000.0	1.62E-02	0	1.62E-02	2.40E-02	-7.89E-03	7.12E-03	0	7.12E-03	2.40E-02	-1.69E-02
COURSE GRID	381500.0	3733000.0	1.87E-02	0	1.87E-02	2.83E-02	-9.62E-03	8.79E-03	0	8.79E-03	2.83E-02	-1.95E-02
COURSE GRID	382000.0	3733000.0	2.38E-02	0	2.38E-02	4.51E-02	-2.13E-02	1.14E-02	0	1.14E-02	4.51E-02	-3.37E-02
COURSE GRID	382500.0	3733000.0	3.13E-02	0	3.13E-02	6.68E-02	-6.55E-02	1.45E-02	0	1.45E-02	6.68E-02	-8.23E-02
COURSE GRID	383000.0	3733000.0	2.56E-02	0	2.56E-02	5.31E-02	-2.75E-02	1.15E-02	0	1.15E-02	5.31E-02	-4.16E-02
COURSE GRID	383500.0	3733000.0	2.36E-02	0	2.36E-02	3.02E-02	-6.65E-03	1.08E-02	0	1.08E-02	3.02E-02	-1.95E-02
COURSE GRID	384000.0	3733000.0	2.55E-02	0	2.55E-02	2.62E-02	-7.00E-04	1.15E-02	0	1.15E-02	2.62E-02	-1.48E-02
COURSE GRID	384500.0	3733000.0	2.82E-02	0	2.82E-02	2.60E-02	2.24E-03	1.27E-02	0	1.27E-02	2.60E-02	-1.33E-02

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION				REDUCED PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	385000.0	3733000.0	3.11E-02	0	3.11E-02	2.47E-02	6.42E-03	1.41E-02	0	1.41E-02	2.47E-02	-1.06E-02
COURSE GRID	385500.0	3733000.0	3.43E-02	0	3.43E-02	2.26E-02	1.17E-02	1.54E-02	0	1.54E-02	2.26E-02	-7.16E-03
COURSE GRID	386000.0	3733000.0	3.45E-02	0	3.45E-02	2.10E-02	1.35E-02	1.58E-02	0	1.58E-02	2.10E-02	-5.24E-03
COURSE GRID	386500.0	3733000.0	3.44E-02	0	3.44E-02	2.04E-02	1.40E-02	1.61E-02	0	1.61E-02	2.04E-02	-4.28E-03
COURSE GRID	387000.0	3733000.0	3.34E-02	0	3.34E-02	2.09E-02	1.25E-02	1.62E-02	0	1.62E-02	2.09E-02	-4.70E-03
COURSE GRID	387500.0	3733000.0	3.22E-02	0	3.22E-02	2.18E-02	1.04E-02	1.61E-02	0	1.61E-02	2.18E-02	-5.67E-03
COURSE GRID	388000.0	3733000.0	3.15E-02	0	3.15E-02	2.41E-02	7.38E-03	1.64E-02	0	1.64E-02	2.41E-02	-7.75E-03
COURSE GRID	388500.0	3733000.0	3.11E-02	0	3.11E-02	2.68E-02	4.28E-03	1.69E-02	0	1.69E-02	2.68E-02	-9.87E-03
COURSE GRID	389000.0	3733000.0	2.90E-02	0	2.90E-02	2.64E-02	2.67E-03	1.59E-02	0	1.59E-02	2.64E-02	-1.04E-02
COURSE GRID	389500.0	3733000.0	2.88E-02	0	2.88E-02	2.84E-02	4.00E-04	1.64E-02	0	1.64E-02	2.84E-02	-1.20E-02
COURSE GRID	390000.0	3733000.0	2.62E-02	0	2.62E-02	2.67E-02	-4.70E-04	1.48E-02	0	1.48E-02	2.67E-02	-1.19E-02
COURSE GRID	390500.0	3733000.0	2.40E-02	0	2.40E-02	2.55E-02	-1.42E-03	1.36E-02	0	1.36E-02	2.55E-02	-1.19E-02
COURSE GRID	391000.0	3733000.0	2.22E-02	0	2.22E-02	2.45E-02	-2.32E-03	1.26E-02	0	1.26E-02	2.45E-02	-1.19E-02
COURSE GRID	391500.0	3733000.0	2.07E-02	0	2.07E-02	2.38E-02	-3.13E-03	1.18E-02	0	1.18E-02	2.38E-02	-1.21E-02
COURSE GRID	392000.0	3733000.0	1.94E-02	0	1.94E-02	2.33E-02	-3.88E-03	1.11E-02	0	1.11E-02	2.33E-02	-1.22E-02
COURSE GRID	392500.0	3733000.0	1.82E-02	0	1.82E-02	2.24E-02	-4.17E-03	1.05E-02	0	1.05E-02	2.24E-02	-1.19E-02
COURSE GRID	393000.0	3733000.0	1.70E-02	0	1.70E-02	2.13E-02	-4.24E-03	9.83E-03	0	9.83E-03	2.13E-02	-1.14E-02
COURSE GRID	393500.0	3733000.0	1.60E-02	0	1.60E-02	2.02E-02	-4.28E-03	9.22E-03	0	9.22E-03	2.02E-02	-1.10E-02
COURSE GRID	377000.0	3733500.0	5.19E-03	0	5.19E-03	3.14E-03	2.05E-03	1.91E-03	0	1.91E-03	3.14E-03	-1.24E-03
COURSE GRID	377500.0	3733500.0	5.60E-03	0	5.60E-03	3.48E-03	2.12E-03	2.06E-03	0	2.06E-03	3.48E-03	-1.42E-03
COURSE GRID	378000.0	3733500.0	6.84E-03	0	6.84E-03	4.66E-03	2.18E-03	2.57E-03	0	2.57E-03	4.66E-03	-2.09E-03
COURSE GRID	378500.0	3733500.0	7.80E-03	0	7.80E-03	5.86E-03	1.93E-03	2.99E-03	0	2.99E-03	5.86E-03	-2.87E-03
COURSE GRID	379000.0	3733500.0	9.22E-03	0	9.22E-03	7.96E-03	1.26E-03	3.65E-03	0	3.65E-03	7.96E-03	-4.31E-03
COURSE GRID	379500.0	3733500.0	1.03E-02	0	1.03E-02	1.02E-02	1.42E-04	4.21E-03	0	4.21E-03	1.02E-02	-5.95E-03
COURSE GRID	380000.0	3733500.0	1.14E-02	0	1.14E-02	1.33E-02	-1.90E-03	4.77E-03	0	4.77E-03	1.33E-02	-8.57E-03
COURSE GRID	380500.0	3733500.0	1.29E-02	0	1.29E-02	1.98E-02	-6.95E-03	5.48E-03	0	5.48E-03	1.98E-02	-1.43E-02
COURSE GRID	381000.0	3733500.0	1.49E-02	0	1.49E-02	3.02E-02	-1.54E-02	6.51E-03	0	6.51E-03	3.02E-02	-2.37E-02
COURSE GRID	381500.0	3733500.0	2.03E-02	0	2.03E-02	6.01E-02	-3.97E-02	8.99E-03	0	8.99E-03	6.01E-02	-5.11E-02
COURSE GRID	382500.0	3733500.0	2.59E-02	0	2.59E-02	9.07E-02	-6.49E-02	1.12E-02	0	1.12E-02	9.07E-02	-7.96E-02
COURSE GRID	383000.0	3733500.0	2.07E-02	0	2.07E-02	3.63E-02	-1.56E-02	9.20E-03	0	9.20E-03	3.63E-02	-2.71E-02
COURSE GRID	383500.0	3733500.0	2.00E-02	0	2.00E-02	2.57E-02	-5.65E-03	8.97E-03	0	8.97E-03	2.57E-02	-1.67E-02
COURSE GRID	384000.0	3733500.0	2.21E-02	0	2.21E-02	2.98E-02	-7.70E-03	9.95E-03	0	9.95E-03	2.98E-02	-1.98E-02
COURSE GRID	384500.0	3733500.0	2.48E-02	0	2.48E-02	3.07E-02	-5.93E-03	1.12E-02	0	1.12E-02	3.07E-02	-1.96E-02
COURSE GRID	385000.0	3733500.0	3.32E-02	0	3.32E-02	2.72E-02	6.03E-03	1.41E-02	0	1.41E-02	2.72E-02	-1.31E-02
COURSE GRID	385500.0	3733500.0	2.76E-02	0	2.76E-02	2.43E-02	5.32E-03	1.30E-02	0	1.30E-02	2.43E-02	-1.14E-02
COURSE GRID	386000.0	3733500.0	2.85E-02	0	2.85E-02	2.32E-02	5.32E-03	1.37E-02	0	1.37E-02	2.32E-02	-9.44E-03
COURSE GRID	386500.0	3733500.0	2.98E-02	0	2.98E-02	2.31E-02	6.72E-03	1.44E-02	0	1.44E-02	2.31E-02	-8.70E-03
COURSE GRID	387000.0	3733500.0	3.13E-02	0	3.13E-02	2.43E-02	7.00E-03	1.54E-02	0	1.54E-02	2.43E-02	-8.91E-03
COURSE GRID	387500.0	3733500.0	3.28E-02	0	3.28E-02	2.62E-02	6.64E-03	1.67E-02	0	1.67E-02	2.62E-02	-9.45E-03
COURSE GRID	388000.0	3733500.0	3.44E-02	0	3.44E-02	2.92E-02	5.19E-03	1.85E-02	0	1.85E-02	2.92E-02	-1.08E-02

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION												
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT						
COURSE GRID	388500.0	3733500.0	3.30E-02	0	3.30E-02	2.95E-02	3.48E-03	1.80E-02	0	1.80E-02	2.95E-02	3.48E-03	1.80E-02	0	1.80E-02	2.95E-02	3.48E-03	-1.16E-02
COURSE GRID	389000.0	3733500.0	3.27E-02	0	3.27E-02	3.09E-02	1.76E-03	1.84E-02	0	1.84E-02	3.09E-02	1.76E-03	1.84E-02	0	1.84E-02	3.09E-02	1.76E-03	-1.25E-02
COURSE GRID	389500.0	3733500.0	2.97E-02	0	2.97E-02	2.89E-02	8.10E-04	1.66E-02	0	1.66E-02	2.89E-02	8.10E-04	1.66E-02	0	1.66E-02	2.89E-02	8.10E-04	-1.24E-02
COURSE GRID	390000.0	3733500.0	2.72E-02	0	2.72E-02	2.77E-02	-4.40E-04	1.52E-02	0	1.52E-02	2.77E-02	-4.40E-04	1.52E-02	0	1.52E-02	2.77E-02	-4.40E-04	-1.25E-02
COURSE GRID	390500.0	3733500.0	2.53E-02	0	2.53E-02	2.71E-02	-1.84E-03	1.43E-02	0	1.43E-02	2.71E-02	-1.84E-03	1.43E-02	0	1.43E-02	2.71E-02	-1.84E-03	-1.29E-02
COURSE GRID	391000.0	3733500.0	2.37E-02	0	2.37E-02	2.66E-02	-2.94E-03	1.34E-02	0	1.34E-02	2.66E-02	-2.94E-03	1.34E-02	0	1.34E-02	2.66E-02	-2.94E-03	-1.32E-02
COURSE GRID	391500.0	3733500.0	2.21E-02	0	2.21E-02	2.61E-02	-3.94E-03	1.27E-02	0	1.27E-02	2.61E-02	-3.94E-03	1.27E-02	0	1.27E-02	2.61E-02	-3.94E-03	-1.34E-02
COURSE GRID	392000.0	3733500.0	2.07E-02	0	2.07E-02	2.51E-02	-4.41E-03	1.19E-02	0	1.19E-02	2.51E-02	-4.41E-03	1.19E-02	0	1.19E-02	2.51E-02	-4.41E-03	-1.31E-02
COURSE GRID	392500.0	3733500.0	1.92E-02	0	1.92E-02	2.39E-02	-4.63E-03	1.12E-02	0	1.12E-02	2.39E-02	-4.63E-03	1.12E-02	0	1.12E-02	2.39E-02	-4.63E-03	-1.27E-02
COURSE GRID	393000.0	3733500.0	1.79E-02	0	1.79E-02	2.25E-02	-4.61E-03	1.04E-02	0	1.04E-02	2.25E-02	-4.61E-03	1.04E-02	0	1.04E-02	2.25E-02	-4.61E-03	-1.21E-02
COURSE GRID	393500.0	3733500.0	1.66E-02	0	1.66E-02	2.07E-02	-4.16E-03	9.58E-03	0	9.58E-03	2.07E-02	-4.16E-03	9.58E-03	0	9.58E-03	2.07E-02	-4.16E-03	-1.11E-02
COURSE GRID	377000.0	3734000.0	4.69E-03	0	4.69E-03	3.05E-03	1.64E-03	1.73E-03	0	1.73E-03	3.05E-03	1.64E-03	1.73E-03	0	1.73E-03	3.05E-03	1.64E-03	-1.32E-03
COURSE GRID	377500.0	3734000.0	5.33E-03	0	5.33E-03	3.68E-03	1.65E-03	1.98E-03	0	1.98E-03	3.68E-03	1.65E-03	1.98E-03	0	1.98E-03	3.68E-03	1.65E-03	-1.70E-03
COURSE GRID	378000.0	3734000.0	6.47E-03	0	6.47E-03	4.82E-03	1.66E-03	2.43E-03	0	2.43E-03	4.82E-03	1.66E-03	2.43E-03	0	2.43E-03	4.82E-03	1.66E-03	-2.39E-03
COURSE GRID	378500.0	3734000.0	7.36E-03	0	7.36E-03	6.10E-03	1.26E-03	2.81E-03	0	2.81E-03	6.10E-03	1.26E-03	2.81E-03	0	2.81E-03	6.10E-03	1.26E-03	-3.29E-03
COURSE GRID	379000.0	3734000.0	8.46E-03	0	8.46E-03	8.12E-03	3.42E-04	3.32E-03	0	3.32E-03	8.12E-03	3.42E-04	3.32E-03	0	3.32E-03	8.12E-03	3.42E-04	-4.80E-03
COURSE GRID	379500.0	3734000.0	9.56E-03	0	9.56E-03	1.14E-02	-1.86E-03	3.91E-03	0	3.91E-03	1.14E-02	-1.86E-03	3.91E-03	0	3.91E-03	1.14E-02	-1.86E-03	-7.52E-03
COURSE GRID	380000.0	3734000.0	1.05E-02	0	1.05E-02	1.51E-02	-4.60E-03	4.41E-03	0	4.41E-03	1.51E-02	-4.60E-03	4.41E-03	0	4.41E-03	1.51E-02	-4.60E-03	-1.07E-02
COURSE GRID	380500.0	3734000.0	1.18E-02	0	1.18E-02	2.15E-02	-9.71E-03	5.00E-03	0	5.00E-03	2.15E-02	-9.71E-03	5.00E-03	0	5.00E-03	2.15E-02	-9.71E-03	-1.65E-02
COURSE GRID	381000.0	3734000.0	1.40E-02	0	1.40E-02	3.63E-02	-2.23E-02	5.97E-03	0	5.97E-03	3.63E-02	-2.23E-02	5.97E-03	0	5.97E-03	3.63E-02	-2.23E-02	-3.04E-02
COURSE GRID	381500.0	3734000.0	1.99E-02	0	1.99E-02	7.79E-02	-5.80E-02	8.23E-03	0	8.23E-03	7.79E-02	-5.80E-02	8.23E-03	0	8.23E-03	7.79E-02	-5.80E-02	-6.97E-02
COURSE GRID	382000.0	3734000.0	4.66E-02	0	4.66E-02	3.00E-01	-2.53E-01	1.73E-02	0	1.73E-02	3.00E-01	-2.53E-01	1.73E-02	0	1.73E-02	3.00E-01	-2.53E-01	-2.83E-01
COURSE GRID	382500.0	3734000.0	1.94E-02	0	1.94E-02	4.76E-02	-2.81E-02	8.60E-03	0	8.60E-03	4.76E-02	-2.81E-02	8.60E-03	0	8.60E-03	4.76E-02	-2.81E-02	-3.90E-02
COURSE GRID	383000.0	3734000.0	1.82E-02	0	1.82E-02	3.17E-02	-1.34E-02	8.16E-03	0	8.16E-03	3.17E-02	-1.34E-02	8.16E-03	0	8.16E-03	3.17E-02	-1.34E-02	-2.35E-02
COURSE GRID	383500.0	3734000.0	1.83E-02	0	1.83E-02	2.86E-02	-1.04E-02	8.17E-03	0	8.17E-03	2.86E-02	-1.04E-02	8.17E-03	0	8.17E-03	2.86E-02	-1.04E-02	-2.05E-02
COURSE GRID	384000.0	3734000.0	2.16E-02	0	2.16E-02	4.36E-02	-2.20E-02	9.71E-03	0	9.71E-03	4.36E-02	-2.20E-02	9.71E-03	0	9.71E-03	4.36E-02	-2.20E-02	-3.39E-02
COURSE GRID	384500.0	3734000.0	2.37E-02	0	2.37E-02	3.89E-02	-1.52E-02	1.09E-02	0	1.09E-02	3.89E-02	-1.52E-02	1.09E-02	0	1.09E-02	3.89E-02	-1.52E-02	-2.81E-02
COURSE GRID	385000.0	3734000.0	2.97E-02	0	2.97E-02	2.88E-02	9.40E-04	1.30E-02	0	1.30E-02	2.88E-02	9.40E-04	1.30E-02	0	1.30E-02	2.88E-02	9.40E-04	-1.58E-02
COURSE GRID	385500.0	3734000.0	2.43E-02	0	2.43E-02	2.66E-02	-2.26E-03	1.21E-02	0	1.21E-02	2.66E-02	-2.26E-03	1.21E-02	0	1.21E-02	2.66E-02	-2.26E-03	-1.45E-02
COURSE GRID	386000.0	3734000.0	2.55E-02	0	2.55E-02	2.67E-02	-1.12E-03	1.31E-02	0	1.31E-02	2.67E-02	-1.12E-03	1.31E-02	0	1.31E-02	2.67E-02	-1.12E-03	-1.35E-02
COURSE GRID	386500.0	3734000.0	2.70E-02	0	2.70E-02	2.78E-02	-8.50E-04	1.41E-02	0	1.41E-02	2.78E-02	-8.50E-04	1.41E-02	0	1.41E-02	2.78E-02	-8.50E-04	-1.37E-02
COURSE GRID	387000.0	3734000.0	2.87E-02	0	2.87E-02	2.93E-02	-5.10E-04	1.52E-02	0	1.52E-02	2.93E-02	-5.10E-04	1.52E-02	0	1.52E-02	2.93E-02	-5.10E-04	-1.41E-02
COURSE GRID	387500.0	3734000.0	3.23E-02	0	3.23E-02	3.25E-02	-2.60E-04	1.77E-02	0	1.77E-02	3.25E-02	-2.60E-04	1.77E-02	0	1.77E-02	3.25E-02	-2.60E-04	-1.48E-02
COURSE GRID	388000.0	3734000.0	3.37E-02	0	3.37E-02	3.28E-02	8.10E-04	1.85E-02	0	1.85E-02	3.28E-02	8.10E-04	1.85E-02	0	1.85E-02	3.28E-02	8.10E-04	-1.44E-02
COURSE GRID	388500.0	3734000.0	3.45E-02	0	3.45E-02	3.37E-02	3.37E-02	1.92E-02	0	1.92E-02	3.37E-02	3.37E-02	1.92E-02	0	1.92E-02	3.37E-02	3.37E-02	-1.45E-02
COURSE GRID	389000.0	3734000.0	3.20E-02	0	3.20E-02	3.11E-02	9.60E-04	1.77E-02	0	1.77E-02	3.11E-02	9.60E-04	1.77E-02	0	1.77E-02	3.11E-02	9.60E-04	-1.34E-02
COURSE GRID	389500.0	3734000.0	3.01E-02	0	3.01E-02	3.03E-02	-1.90E-04	1.67E-02	0	1.67E-02	3.03E-02	-1.90E-04	1.67E-02	0	1.67E-02	3.03E-02	-1.90E-04	-1.36E-02
COURSE GRID	390000.0	3734000.0	2.82E-02	0	2.82E-02	2.99E-02	-1.71E-03	1.59E-02	0	1.59E-02	2.99E-02	-1.71E-03	1.59E-02	0	1.59E-02	2.99E-02	-1.71E-03	-1.41E-02
COURSE GRID	390500.0	3734000.0	2.69E-02	0	2.69E-02	3.00E-02	-3.09E-03	1.52E-02	0	1.52E-02	3.00E-02	-3.09E-03	1.52E-02	0	1.52E-02	3.00E-02	-3.09E-03	-1.47E-02
COURSE GRID	391000.0	3734000.0	2.52E-02	0	2.52E-02	2.97E-02	-4.47E-03	1.45E-02	0	1.45E-02	2.97E-02	-4.47E-03	1.45E-02	0	1.45E-02	2.97E-02	-4.47E-03	-1.52E-02

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE
COURSE GRID	391500.0	3734000.0	2.36E-02	2.86E-02	2.36E-02	2.86E-02	0	1.37E-02	2.86E-02	1.37E-02	-1.49E-02
COURSE GRID	392000.0	3734000.0	2.19E-02	2.71E-02	2.19E-02	2.71E-02	0	1.28E-02	2.71E-02	1.28E-02	-1.43E-02
COURSE GRID	392500.0	3734000.0	2.01E-02	2.50E-02	2.01E-02	2.50E-02	0	1.17E-02	2.50E-02	1.17E-02	-1.33E-02
COURSE GRID	393000.0	3734000.0	1.84E-02	2.25E-02	1.84E-02	2.25E-02	0	1.06E-02	2.25E-02	1.06E-02	-1.19E-02
COURSE GRID	393500.0	3734000.0	1.67E-02	1.98E-02	1.67E-02	1.98E-02	0	9.55E-03	1.98E-02	9.55E-03	-1.03E-02
COURSE GRID	377000.0	3734500.0	3.99E-03	2.86E-03	3.99E-03	2.86E-03	0	1.51E-03	2.86E-03	1.51E-03	-1.36E-03
COURSE GRID	377500.0	3734500.0	5.08E-03	3.45E-03	5.08E-03	3.45E-03	0	1.88E-03	3.45E-03	1.88E-03	-1.57E-03
COURSE GRID	378000.0	3734500.0	5.85E-03	4.27E-03	5.85E-03	4.27E-03	0	2.20E-03	4.27E-03	2.20E-03	-2.07E-03
COURSE GRID	378500.0	3734500.0	6.61E-03	5.38E-03	6.61E-03	5.38E-03	0	2.54E-03	5.38E-03	2.54E-03	-2.85E-03
COURSE GRID	379000.0	3734500.0	7.31E-03	6.79E-03	7.31E-03	6.79E-03	0	2.85E-03	6.79E-03	2.85E-03	-3.94E-03
COURSE GRID	379500.0	3734500.0	8.21E-03	9.28E-03	8.21E-03	9.28E-03	0	3.26E-03	9.28E-03	3.26E-03	-6.02E-03
COURSE GRID	380000.0	3734500.0	9.34E-03	1.35E-02	9.34E-03	1.35E-02	0	3.85E-03	1.35E-02	3.85E-03	-9.64E-03
COURSE GRID	380500.0	3734500.0	1.06E-02	1.99E-02	1.06E-02	1.99E-02	0	4.48E-03	1.99E-02	4.48E-03	-1.54E-02
COURSE GRID	381000.0	3734500.0	1.20E-02	2.80E-02	1.20E-02	2.80E-02	0	5.12E-03	2.80E-02	5.12E-03	-2.29E-02
COURSE GRID	381500.0	3734500.0	1.52E-02	4.44E-02	1.52E-02	4.44E-02	0	6.59E-03	4.44E-02	6.59E-03	-3.78E-02
COURSE GRID	382000.0	3734500.0	1.87E-02	6.74E-02	1.87E-02	6.74E-02	0	7.97E-03	6.74E-02	7.97E-03	-5.94E-02
COURSE GRID	382500.0	3734500.0	1.82E-02	5.45E-02	1.82E-02	5.45E-02	0	8.09E-03	5.45E-02	8.09E-03	-4.64E-02
COURSE GRID	383000.0	3734500.0	1.72E-02	3.58E-02	1.72E-02	3.58E-02	0	7.77E-03	3.58E-02	7.77E-03	-2.80E-02
COURSE GRID	383500.0	3734500.0	1.85E-02	4.21E-02	1.85E-02	4.21E-02	0	8.30E-03	4.21E-02	8.30E-03	-3.38E-02
COURSE GRID	384000.0	3734500.0	2.49E-02	8.42E-02	2.49E-02	8.42E-02	0	1.11E-02	8.42E-02	1.11E-02	-7.32E-02
COURSE GRID	384500.0	3734500.0	2.14E-02	3.86E-02	2.14E-02	3.86E-02	0	1.05E-02	3.86E-02	1.05E-02	-2.82E-02
COURSE GRID	385000.0	3734500.0	2.25E-02	3.03E-02	2.25E-02	3.03E-02	0	1.15E-02	3.03E-02	1.15E-02	-1.88E-02
COURSE GRID	385500.0	3734500.0	2.35E-02	3.08E-02	2.35E-02	3.08E-02	0	1.26E-02	3.08E-02	1.26E-02	-1.82E-02
COURSE GRID	386000.0	3734500.0	2.52E-02	3.29E-02	2.52E-02	3.29E-02	0	1.40E-02	3.29E-02	1.40E-02	-1.90E-02
COURSE GRID	386500.0	3734500.0	2.64E-02	3.37E-02	2.64E-02	3.37E-02	0	1.49E-02	3.37E-02	1.49E-02	-1.88E-02
COURSE GRID	387000.0	3734500.0	2.79E-02	3.47E-02	2.79E-02	3.47E-02	0	1.60E-02	3.47E-02	1.60E-02	-1.87E-02
COURSE GRID	387500.0	3734500.0	3.14E-02	3.65E-02	3.14E-02	3.65E-02	0	1.82E-02	3.65E-02	1.82E-02	-1.83E-02
COURSE GRID	388000.0	3734500.0	3.31E-02	3.69E-02	3.31E-02	3.69E-02	0	1.92E-02	3.69E-02	1.92E-02	-1.77E-02
COURSE GRID	388500.0	3734500.0	3.17E-02	3.39E-02	3.17E-02	3.39E-02	0	1.79E-02	3.39E-02	1.79E-02	-1.60E-02
COURSE GRID	389000.0	3734500.0	3.09E-02	3.36E-02	3.09E-02	3.36E-02	0	1.74E-02	3.36E-02	1.74E-02	-1.62E-02
COURSE GRID	389500.0	3734500.0	3.01E-02	3.38E-02	3.01E-02	3.38E-02	0	1.70E-02	3.38E-02	1.70E-02	-1.68E-02
COURSE GRID	390000.0	3734500.0	2.94E-02	3.45E-02	2.94E-02	3.45E-02	0	1.69E-02	3.45E-02	1.69E-02	-1.77E-02
COURSE GRID	390500.0	3734500.0	2.83E-02	3.45E-02	2.83E-02	3.45E-02	0	1.65E-02	3.45E-02	1.65E-02	-1.80E-02
COURSE GRID	391000.0	3734500.0	2.67E-02	3.31E-02	2.67E-02	3.31E-02	0	1.57E-02	3.31E-02	1.57E-02	-1.74E-02
COURSE GRID	391500.0	3734500.0	2.48E-02	3.10E-02	2.48E-02	3.10E-02	0	1.46E-02	3.10E-02	1.46E-02	-1.64E-02
COURSE GRID	392000.0	3734500.0	2.26E-02	2.78E-02	2.26E-02	2.78E-02	0	1.32E-02	2.78E-02	1.32E-02	-1.46E-02
COURSE GRID	392500.0	3734500.0	2.04E-02	2.43E-02	2.04E-02	2.43E-02	0	1.18E-02	2.43E-02	1.18E-02	-1.26E-02
COURSE GRID	393000.0	3734500.0	1.83E-02	2.10E-02	1.83E-02	2.10E-02	0	1.04E-02	2.10E-02	1.04E-02	-1.06E-02
COURSE GRID	393500.0	3734500.0	1.64E-02	1.80E-02	1.64E-02	1.80E-02	0	9.14E-03	1.80E-02	9.14E-03	-8.90E-03
COURSE GRID	377000.0	3735000.0	4.34E-03	3.21E-03	4.34E-03	3.21E-03	0	1.64E-03	3.21E-03	1.64E-03	-1.57E-03

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	377500.0	3735000.0	4.91E-03	0	4.91E-03	3.78E-03	1.12E-03	1.83E-03	0	1.83E-03	3.78E-03	-1.95E-03
COURSE GRID	378000.0	3735000.0	5.56E-03	0	5.56E-03	4.64E-03	9.28E-04	2.11E-03	0	2.11E-03	4.64E-03	-2.52E-03
COURSE GRID	378500.0	3735000.0	6.17E-03	0	6.17E-03	5.34E-03	8.29E-04	2.36E-03	0	2.36E-03	5.34E-03	-2.98E-03
COURSE GRID	379000.0	3735000.0	6.85E-03	0	6.85E-03	6.71E-03	1.44E-04	2.68E-03	0	2.68E-03	6.71E-03	-4.03E-03
COURSE GRID	379500.0	3735000.0	7.82E-03	0	7.82E-03	9.29E-03	-1.48E-03	3.16E-03	0	3.16E-03	9.29E-03	-6.13E-03
COURSE GRID	380000.0	3735000.0	8.63E-03	0	8.63E-03	1.31E-02	-4.48E-03	3.52E-03	0	3.52E-03	1.31E-02	-9.59E-03
COURSE GRID	380500.0	3735000.0	9.77E-03	0	9.77E-03	1.76E-02	-7.87E-03	4.15E-03	0	4.15E-03	1.76E-02	-1.35E-02
COURSE GRID	381000.0	3735000.0	1.09E-02	0	1.09E-02	2.16E-02	-1.07E-02	4.73E-03	0	4.73E-03	2.16E-02	-1.69E-02
COURSE GRID	381500.0	3735000.0	1.31E-02	0	1.31E-02	3.26E-02	-1.95E-02	5.71E-03	0	5.71E-03	3.26E-02	-2.69E-02
COURSE GRID	382000.0	3735000.0	1.50E-02	0	1.50E-02	4.11E-02	-2.61E-02	6.60E-03	0	6.60E-03	4.11E-02	-3.45E-02
COURSE GRID	382500.0	3735000.0	1.62E-02	0	1.62E-02	4.63E-02	-3.01E-02	7.29E-03	0	7.29E-03	4.63E-02	-3.90E-02
COURSE GRID	383000.0	3735000.0	1.79E-02	0	1.79E-02	5.35E-02	-3.55E-02	8.03E-03	0	8.03E-03	5.35E-02	-4.54E-02
COURSE GRID	384000.0	3735000.0	2.40E-02	0	2.40E-02	7.72E-02	-5.33E-02	1.16E-02	0	1.16E-02	7.72E-02	-6.56E-02
COURSE GRID	384500.0	3735000.0	2.12E-02	0	2.12E-02	3.84E-02	-1.73E-02	1.14E-02	0	1.14E-02	3.84E-02	-2.70E-02
COURSE GRID	385000.0	3735000.0	2.33E-02	0	2.33E-02	3.89E-02	-1.55E-02	1.32E-02	0	1.32E-02	3.89E-02	-2.56E-02
COURSE GRID	385500.0	3735000.0	2.50E-02	0	2.50E-02	4.10E-02	-1.60E-02	1.47E-02	0	1.47E-02	4.10E-02	-2.63E-02
COURSE GRID	386000.0	3735000.0	2.62E-02	0	2.62E-02	4.18E-02	-1.56E-02	1.57E-02	0	1.57E-02	4.18E-02	-2.61E-02
COURSE GRID	386500.0	3735000.0	2.67E-02	0	2.67E-02	3.96E-02	-1.28E-02	1.59E-02	0	1.59E-02	3.96E-02	-2.36E-02
COURSE GRID	387000.0	3735000.0	2.82E-02	0	2.82E-02	3.81E-02	-9.97E-03	1.70E-02	0	1.70E-02	3.81E-02	-2.11E-02
COURSE GRID	387500.0	3735000.0	3.14E-02	0	3.14E-02	3.93E-02	-7.85E-03	1.92E-02	0	1.92E-02	3.93E-02	-2.00E-02
COURSE GRID	388000.0	3735000.0	3.08E-02	0	3.08E-02	3.71E-02	-6.33E-03	1.81E-02	0	1.81E-02	3.71E-02	-1.90E-02
COURSE GRID	388500.0	3735000.0	2.97E-02	0	2.97E-02	3.68E-02	-7.08E-03	1.74E-02	0	1.74E-02	3.68E-02	-1.94E-02
COURSE GRID	389000.0	3735000.0	3.00E-02	0	3.00E-02	3.89E-02	-8.84E-03	1.77E-02	0	1.77E-02	3.89E-02	-2.11E-02
COURSE GRID	389500.0	3735000.0	3.01E-02	0	3.01E-02	4.10E-02	-1.08E-02	1.82E-02	0	1.82E-02	4.10E-02	-2.28E-02
COURSE GRID	390000.0	3735000.0	3.01E-02	0	3.01E-02	4.15E-02	-1.15E-02	1.83E-02	0	1.83E-02	4.15E-02	-2.33E-02
COURSE GRID	390500.0	3735000.0	2.90E-02	0	2.90E-02	3.96E-02	-1.06E-02	1.76E-02	0	1.76E-02	3.96E-02	-2.20E-02
COURSE GRID	391000.0	3735000.0	2.72E-02	0	2.72E-02	3.61E-02	-8.88E-03	1.63E-02	0	1.63E-02	3.61E-02	-1.98E-02
COURSE GRID	391500.0	3735000.0	2.48E-02	0	2.48E-02	3.10E-02	-6.28E-03	1.46E-02	0	1.46E-02	3.10E-02	-1.64E-02
COURSE GRID	392000.0	3735000.0	2.23E-02	0	2.23E-02	2.62E-02	-3.92E-03	1.29E-02	0	1.29E-02	2.62E-02	-1.33E-02
COURSE GRID	392500.0	3735000.0	1.98E-02	0	1.98E-02	2.19E-02	-2.03E-03	1.12E-02	0	1.12E-02	2.19E-02	-1.07E-02
COURSE GRID	393000.0	3735000.0	1.77E-02	0	1.77E-02	1.83E-02	-5.80E-04	9.67E-03	0	9.67E-03	1.83E-02	-8.58E-03
COURSE GRID	393500.0	3735000.0	1.59E-02	0	1.59E-02	1.55E-02	4.65E-04	8.47E-03	0	8.47E-03	1.55E-02	-6.98E-03
COURSE GRID	377000.0	3735500.0	4.27E-03	0	4.27E-03	3.36E-03	9.08E-04	1.64E-03	0	1.64E-03	3.36E-03	-1.71E-03
COURSE GRID	377500.0	3735500.0	4.68E-03	0	4.68E-03	3.78E-03	8.99E-04	1.80E-03	0	1.80E-03	3.78E-03	-1.98E-03
COURSE GRID	378000.0	3735500.0	5.27E-03	0	5.27E-03	4.39E-03	8.84E-04	2.05E-03	0	2.05E-03	4.39E-03	-2.34E-03
COURSE GRID	378500.0	3735500.0	5.86E-03	0	5.86E-03	5.15E-03	7.14E-04	2.30E-03	0	2.30E-03	5.15E-03	-2.85E-03
COURSE GRID	379000.0	3735500.0	6.65E-03	0	6.65E-03	6.90E-03	-2.50E-04	2.65E-03	0	2.65E-03	6.90E-03	-4.25E-03
COURSE GRID	379500.0	3735500.0	7.69E-03	0	7.69E-03	1.02E-02	-2.55E-03	3.20E-03	0	3.20E-03	1.02E-02	-7.05E-03
COURSE GRID	380000.0	3735500.0	8.44E-03	0	8.44E-03	1.26E-02	-4.17E-03	3.61E-03	0	3.61E-03	1.26E-02	-9.00E-03
COURSE GRID	380500.0	3735500.0	9.37E-03	0	9.37E-03	1.51E-02	-5.71E-03	4.05E-03	0	4.05E-03	1.51E-02	-1.10E-02

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION								
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT		
COURSE GRID	381000.0	3735500.0	1.05E-02	0	1.05E-02	1.93E-02	0	4.57E-03	1.93E-02	0	1.93E-02	1.93E-02	1.93E-02	-1.48E-02
COURSE GRID	381500.0	3735500.0	1.18E-02	0	1.18E-02	2.53E-02	0	5.24E-03	2.53E-02	0	2.53E-02	2.53E-02	2.53E-02	-2.01E-02
COURSE GRID	382000.0	3735500.0	1.31E-02	0	1.31E-02	3.04E-02	0	5.87E-03	3.04E-02	0	3.04E-02	3.04E-02	3.04E-02	-2.45E-02
COURSE GRID	382500.0	3735500.0	1.46E-02	0	1.46E-02	3.77E-02	0	6.72E-03	3.77E-02	0	3.77E-02	3.77E-02	3.77E-02	-3.09E-02
COURSE GRID	383000.0	3735500.0	1.68E-02	0	1.68E-02	4.50E-02	0	8.10E-03	4.50E-02	0	4.50E-02	4.50E-02	4.50E-02	-3.69E-02
COURSE GRID	383500.0	3735500.0	2.23E-02	0	2.23E-02	7.80E-02	0	1.08E-02	7.80E-02	0	7.80E-02	7.80E-02	7.80E-02	-6.72E-02
COURSE GRID	384000.0	3735500.0	2.33E-02	0	2.33E-02	6.04E-02	0	1.32E-02	6.04E-02	0	6.04E-02	6.04E-02	6.04E-02	-4.72E-02
COURSE GRID	384500.0	3735500.0	2.51E-02	0	2.51E-02	5.25E-02	0	1.56E-02	5.25E-02	0	5.25E-02	5.25E-02	5.25E-02	-3.69E-02
COURSE GRID	385000.0	3735500.0	2.79E-02	0	2.79E-02	5.74E-02	0	1.80E-02	5.74E-02	0	5.74E-02	5.74E-02	5.74E-02	-3.94E-02
COURSE GRID	385500.0	3735500.0	2.82E-02	0	2.82E-02	5.47E-02	0	1.80E-02	5.47E-02	0	5.47E-02	5.47E-02	5.47E-02	-3.67E-02
COURSE GRID	386000.0	3735500.0	2.63E-02	0	2.63E-02	4.59E-02	0	1.64E-02	4.59E-02	0	4.59E-02	4.59E-02	4.59E-02	-2.95E-02
COURSE GRID	386500.0	3735500.0	2.52E-02	0	2.52E-02	3.81E-02	0	1.53E-02	3.81E-02	0	3.81E-02	3.81E-02	3.81E-02	-2.27E-02
COURSE GRID	387000.0	3735500.0	2.69E-02	0	2.69E-02	3.64E-02	0	1.64E-02	3.64E-02	0	3.64E-02	3.64E-02	3.64E-02	-2.00E-02
COURSE GRID	387500.0	3735500.0	3.26E-02	0	3.26E-02	4.25E-02	0	2.04E-02	4.25E-02	0	4.25E-02	4.25E-02	4.25E-02	-2.21E-02
COURSE GRID	388000.0	3735500.0	3.07E-02	0	3.07E-02	4.19E-02	0	1.87E-02	4.19E-02	0	4.19E-02	4.19E-02	4.19E-02	-2.32E-02
COURSE GRID	388500.0	3735500.0	3.10E-02	0	3.10E-02	4.67E-02	0	1.94E-02	4.67E-02	0	4.67E-02	4.67E-02	4.67E-02	-2.73E-02
COURSE GRID	389000.0	3735500.0	3.17E-02	0	3.17E-02	5.13E-02	0	2.05E-02	5.13E-02	0	5.13E-02	5.13E-02	5.13E-02	-3.09E-02
COURSE GRID	389500.0	3735500.0	3.22E-02	0	3.22E-02	5.28E-02	0	2.09E-02	5.28E-02	0	5.28E-02	5.28E-02	5.28E-02	-3.19E-02
COURSE GRID	390000.0	3735500.0	3.09E-02	0	3.09E-02	4.94E-02	0	1.99E-02	4.94E-02	0	4.94E-02	4.94E-02	4.94E-02	-2.95E-02
COURSE GRID	390500.0	3735500.0	2.83E-02	0	2.83E-02	4.24E-02	0	1.79E-02	4.24E-02	0	4.24E-02	4.24E-02	4.24E-02	-2.45E-02
COURSE GRID	391000.0	3735500.0	2.54E-02	0	2.54E-02	3.45E-02	0	1.56E-02	3.45E-02	0	3.45E-02	3.45E-02	3.45E-02	-1.90E-02
COURSE GRID	391500.0	3735500.0	2.27E-02	0	2.27E-02	2.76E-02	0	1.33E-02	2.76E-02	0	2.76E-02	2.76E-02	2.76E-02	-1.43E-02
COURSE GRID	392000.0	3735500.0	2.03E-02	0	2.03E-02	2.22E-02	0	1.14E-02	2.22E-02	0	2.22E-02	2.22E-02	2.22E-02	-1.08E-02
COURSE GRID	392500.0	3735500.0	1.83E-02	0	1.83E-02	1.81E-02	0	9.89E-03	1.81E-02	0	1.81E-02	1.81E-02	1.81E-02	-8.21E-03
COURSE GRID	393000.0	3735500.0	1.66E-02	0	1.66E-02	1.52E-02	0	8.69E-03	1.52E-02	0	1.52E-02	1.52E-02	1.52E-02	-6.46E-03
COURSE GRID	393500.0	3735500.0	1.51E-02	0	1.51E-02	1.29E-02	0	7.72E-03	1.29E-02	0	1.29E-02	1.29E-02	1.29E-02	-5.18E-03
COURSE GRID	377000.0	3736000.0	4.05E-03	0	4.05E-03	3.10E-03	0	1.55E-03	3.10E-03	0	3.10E-03	3.10E-03	3.10E-03	-1.55E-03
COURSE GRID	377500.0	3736000.0	4.53E-03	0	4.53E-03	3.56E-03	0	1.75E-03	3.56E-03	0	3.56E-03	3.56E-03	3.56E-03	-1.81E-03
COURSE GRID	378000.0	3736000.0	5.34E-03	0	5.34E-03	4.74E-03	0	2.13E-03	4.74E-03	0	4.74E-03	4.74E-03	4.74E-03	-2.61E-03
COURSE GRID	378500.0	3736000.0	6.14E-03	0	6.14E-03	6.31E-03	0	2.53E-03	6.31E-03	0	6.31E-03	6.31E-03	6.31E-03	-3.79E-03
COURSE GRID	379000.0	3736000.0	6.88E-03	0	6.88E-03	8.31E-03	0	2.93E-03	8.31E-03	0	8.31E-03	8.31E-03	8.31E-03	-5.38E-03
COURSE GRID	379500.0	3736000.0	7.51E-03	0	7.51E-03	1.03E-02	0	3.28E-03	1.03E-02	0	1.03E-02	1.03E-02	1.03E-02	-7.00E-03
COURSE GRID	380000.0	3736000.0	8.13E-03	0	8.13E-03	1.18E-02	0	3.58E-03	1.18E-02	0	1.18E-02	1.18E-02	1.18E-02	-8.23E-03
COURSE GRID	380500.0	3736000.0	8.81E-03	0	8.81E-03	1.39E-02	0	3.86E-03	1.39E-02	0	1.39E-02	1.39E-02	1.39E-02	-1.01E-02
COURSE GRID	381000.0	3736000.0	9.80E-03	0	9.80E-03	1.70E-02	0	4.33E-03	1.70E-02	0	1.70E-02	1.70E-02	1.70E-02	-1.27E-02
COURSE GRID	381500.0	3736000.0	1.08E-02	0	1.08E-02	2.05E-02	0	4.89E-03	2.05E-02	0	2.05E-02	2.05E-02	2.05E-02	-1.56E-02
COURSE GRID	382000.0	3736000.0	1.20E-02	0	1.20E-02	2.51E-02	0	5.61E-03	2.51E-02	0	2.51E-02	2.51E-02	2.51E-02	-1.95E-02
COURSE GRID	382500.0	3736000.0	1.36E-02	0	1.36E-02	3.09E-02	0	6.60E-03	3.09E-02	0	3.09E-02	3.09E-02	3.09E-02	-2.43E-02
COURSE GRID	383000.0	3736000.0	1.67E-02	0	1.67E-02	3.97E-02	0	9.07E-03	3.97E-02	0	3.97E-02	3.97E-02	3.97E-02	-3.07E-02
COURSE GRID	383500.0	3736000.0	2.32E-02	0	2.32E-02	6.10E-02	0	1.41E-02	6.10E-02	0	6.10E-02	6.10E-02	6.10E-02	-4.69E-02

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION				REDUCED PROJECT - WITH MITIGATION			
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT
COURSE GRID	384000.0	3736000.0	3.23E-02	0	3.23E-02	8.66E-02	5.43E-02	2.17E-02	8.66E-02	-6.49E-02
COURSE GRID	384500.0	3736000.0	3.87E-02	0	3.87E-02	9.90E-02	-6.03E-02	2.74E-02	9.90E-02	-7.16E-02
COURSE GRID	385000.0	3736000.0	3.48E-02	0	3.48E-02	8.12E-02	-4.64E-02	2.40E-02	8.12E-02	-5.72E-02
COURSE GRID	385500.0	3736000.0	2.69E-02	0	2.69E-02	5.20E-02	-2.51E-02	1.72E-02	5.20E-02	-3.47E-02
COURSE GRID	386000.0	3736000.0	2.31E-02	0	2.31E-02	3.69E-02	-1.38E-02	1.40E-02	3.69E-02	-2.28E-02
COURSE GRID	386500.0	3736000.0	2.34E-02	0	2.34E-02	3.43E-02	-1.09E-02	1.42E-02	3.43E-02	-2.00E-02
COURSE GRID	387000.0	3736000.0	2.71E-02	0	2.71E-02	3.78E-02	-1.07E-02	1.69E-02	3.78E-02	-2.08E-02
COURSE GRID	387500.0	3736000.0	3.57E-02	0	3.57E-02	5.24E-02	-1.67E-02	2.30E-02	5.24E-02	-2.94E-02
COURSE GRID	388000.0	3736000.0	3.57E-02	0	3.57E-02	6.04E-02	-2.47E-02	2.38E-02	6.04E-02	-3.67E-02
COURSE GRID	388500.0	3736000.0	3.76E-02	0	3.76E-02	7.08E-02	-3.32E-02	2.60E-02	7.08E-02	-4.48E-02
COURSE GRID	389000.0	3736000.0	3.78E-02	0	3.78E-02	7.28E-02	-3.51E-02	2.65E-02	7.28E-02	-4.64E-02
COURSE GRID	389500.0	3736000.0	3.45E-02	0	3.45E-02	6.44E-02	-2.99E-02	2.41E-02	6.44E-02	-4.03E-02
COURSE GRID	390000.0	3736000.0	2.96E-02	0	2.96E-02	5.03E-02	-2.07E-02	2.00E-02	5.03E-02	-3.03E-02
COURSE GRID	390500.0	3736000.0	2.54E-02	0	2.54E-02	3.82E-02	-1.28E-02	1.63E-02	3.82E-02	-2.19E-02
COURSE GRID	391000.0	3736000.0	2.19E-02	0	2.19E-02	2.87E-02	-6.86E-03	1.32E-02	2.87E-02	-1.55E-02
COURSE GRID	391500.0	3736000.0	1.94E-02	0	1.94E-02	2.22E-02	-2.83E-03	1.10E-02	2.22E-02	-1.12E-02
COURSE GRID	392000.0	3736000.0	1.76E-02	0	1.76E-02	1.77E-02	-1.00E-04	9.49E-03	1.77E-02	-8.20E-03
COURSE GRID	392500.0	3736000.0	1.62E-02	0	1.62E-02	1.45E-02	1.70E-03	8.39E-03	1.45E-02	-6.15E-03
COURSE GRID	393000.0	3736000.0	1.51E-02	0	1.51E-02	1.23E-02	2.72E-03	7.56E-03	1.23E-02	-4.78E-03
COURSE GRID	393500.0	3736000.0	1.41E-02	0	1.41E-02	1.07E-02	3.43E-03	6.90E-03	1.07E-02	-3.77E-03
COURSE GRID	377000.0	3736500.0	4.10E-03	0	4.10E-03	3.26E-03	8.46E-04	1.59E-03	3.26E-03	-1.67E-03
COURSE GRID	377500.0	3736500.0	4.52E-03	0	4.52E-03	3.89E-03	6.22E-04	1.78E-03	3.89E-03	-2.11E-03
COURSE GRID	378000.0	3736500.0	5.37E-03	0	5.37E-03	5.11E-03	2.58E-04	2.19E-03	5.11E-03	-2.92E-03
COURSE GRID	378500.0	3736500.0	6.09E-03	0	6.09E-03	6.66E-03	-5.74E-04	2.58E-03	6.66E-03	-4.09E-03
COURSE GRID	379000.0	3736500.0	6.53E-03	0	6.53E-03	8.03E-03	-1.50E-03	2.84E-03	8.03E-03	-5.19E-03
COURSE GRID	379500.0	3736500.0	6.94E-03	0	6.94E-03	9.13E-03	-2.19E-03	3.09E-03	9.13E-03	-6.04E-03
COURSE GRID	380000.0	3736500.0	7.78E-03	0	7.78E-03	1.13E-02	-3.52E-03	3.53E-03	1.13E-02	-7.77E-03
COURSE GRID	380500.0	3736500.0	8.34E-03	0	8.34E-03	1.28E-02	-4.47E-03	3.83E-03	1.28E-02	-8.98E-03
COURSE GRID	381000.0	3736500.0	9.12E-03	0	9.12E-03	1.52E-02	-6.10E-03	4.27E-03	1.52E-02	-1.10E-02
COURSE GRID	381500.0	3736500.0	1.03E-02	0	1.03E-02	1.86E-02	-8.28E-03	4.90E-03	1.86E-02	-1.37E-02
COURSE GRID	382000.0	3736500.0	1.11E-02	0	1.11E-02	2.06E-02	-9.47E-03	5.36E-03	2.06E-02	-1.52E-02
COURSE GRID	382500.0	3736500.0	1.33E-02	0	1.33E-02	2.87E-02	-1.54E-02	6.98E-03	2.87E-02	-2.17E-02
COURSE GRID	383000.0	3736500.0	1.91E-02	0	1.91E-02	4.65E-02	-2.73E-02	1.17E-02	4.65E-02	-3.48E-02
COURSE GRID	383500.0	3736500.0	5.11E-02	0	5.11E-02	1.49E-01	-9.77E-02	3.84E-02	1.49E-01	-1.10E-01
COURSE GRID	384000.0	3736500.0	8.43E-02	0	8.43E-02	2.55E-01	-1.71E-01	6.62E-02	2.55E-01	-1.89E-01
COURSE GRID	384500.0	3736500.0	4.55E-02	0	4.55E-02	1.23E-01	-7.77E-02	3.35E-02	1.23E-01	-8.96E-02
COURSE GRID	385000.0	3736500.0	2.58E-02	0	2.58E-02	5.38E-02	-2.80E-02	1.68E-02	5.38E-02	-3.70E-02
COURSE GRID	385500.0	3736500.0	2.09E-02	0	2.09E-02	3.38E-02	-1.28E-02	1.25E-02	3.38E-02	-2.13E-02
COURSE GRID	386000.0	3736500.0	2.01E-02	0	2.01E-02	2.81E-02	-7.95E-03	1.17E-02	2.81E-02	-1.64E-02
COURSE GRID	386500.0	3736500.0	2.32E-02	0	2.32E-02	3.47E-02	-1.15E-02	1.44E-02	3.47E-02	-2.03E-02

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION				REDUCED PROJECT - WITH MITIGATION			
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT
COURSE GRID	387000.0	3736500.0	3.16E-02	0	3.16E-02	4.90E-02	-1.73E-02	2.04E-02	4.90E-02	-2.86E-02
COURSE GRID	387500.0	3736500.0	4.39E-02	0	4.39E-02	8.20E-02	-3.81E-02	3.05E-02	8.20E-02	-5.15E-02
COURSE GRID	388000.0	3736500.0	5.20E-02	0	5.20E-02	1.14E-01	-6.24E-02	3.88E-02	1.14E-01	-7.56E-02
COURSE GRID	388500.0	3736500.0	5.13E-02	0	5.13E-02	1.15E-01	-6.35E-02	3.87E-02	1.15E-01	-7.61E-02
COURSE GRID	389000.0	3736500.0	4.19E-02	0	4.19E-02	8.69E-02	-4.50E-02	3.13E-02	8.69E-02	-5.56E-02
COURSE GRID	389500.0	3736500.0	3.25E-02	0	3.25E-02	6.00E-02	-2.75E-02	2.34E-02	6.00E-02	-3.65E-02
COURSE GRID	390000.0	3736500.0	2.51E-02	0	2.51E-02	4.09E-02	-1.58E-02	1.70E-02	4.09E-02	-2.39E-02
COURSE GRID	390500.0	3736500.0	2.05E-02	0	2.05E-02	2.87E-02	-8.23E-03	1.28E-02	2.87E-02	-1.59E-02
COURSE GRID	391000.0	3736500.0	1.76E-02	0	1.76E-02	2.13E-02	-3.67E-03	1.03E-02	2.13E-02	-1.11E-02
COURSE GRID	391500.0	3736500.0	1.59E-02	0	1.59E-02	1.67E-02	-7.30E-04	8.69E-03	1.67E-02	-7.96E-03
COURSE GRID	392000.0	3736500.0	1.48E-02	0	1.48E-02	1.36E-02	1.17E-03	7.66E-03	1.36E-02	-5.92E-03
COURSE GRID	392500.0	3736500.0	1.34E-02	0	1.34E-02	1.09E-02	2.50E-03	6.68E-03	1.09E-02	-4.26E-03
COURSE GRID	393000.0	3736500.0	1.28E-02	0	1.28E-02	9.41E-03	3.39E-03	6.15E-03	9.41E-03	-3.25E-03
COURSE GRID	393500.0	3736500.0	1.22E-02	0	1.22E-02	8.26E-03	3.98E-03	5.74E-03	8.26E-03	-2.53E-03
COURSE GRID	377000.0	3737000.0	3.94E-03	0	3.94E-03	3.19E-03	7.47E-04	1.54E-03	3.19E-03	-1.66E-03
COURSE GRID	377500.0	3737000.0	4.46E-03	0	4.46E-03	3.79E-03	6.70E-04	1.77E-03	3.79E-03	-2.02E-03
COURSE GRID	378000.0	3737000.0	5.33E-03	0	5.33E-03	5.20E-03	1.34E-04	2.21E-03	5.20E-03	-2.99E-03
COURSE GRID	378500.0	3737000.0	5.67E-03	0	5.67E-03	6.06E-03	-3.97E-04	2.42E-03	6.06E-03	-3.65E-03
COURSE GRID	379000.0	3737000.0	6.19E-03	0	6.19E-03	7.48E-03	-1.29E-03	2.74E-03	7.48E-03	-4.74E-03
COURSE GRID	379500.0	3737000.0	6.77E-03	0	6.77E-03	9.02E-03	-2.25E-03	3.06E-03	9.02E-03	-5.95E-03
COURSE GRID	380000.0	3737000.0	7.40E-03	0	7.40E-03	1.05E-02	-3.08E-03	3.41E-03	1.05E-02	-7.08E-03
COURSE GRID	380500.0	3737000.0	7.91E-03	0	7.91E-03	1.20E-02	-4.06E-03	3.70E-03	1.20E-02	-8.27E-03
COURSE GRID	381000.0	3737000.0	8.81E-03	0	8.81E-03	1.43E-02	-5.44E-03	4.26E-03	1.43E-02	-9.99E-03
COURSE GRID	381500.0	3737000.0	1.04E-02	0	1.04E-02	1.85E-02	-8.07E-03	5.28E-03	1.85E-02	-1.32E-02
COURSE GRID	382000.0	3737000.0	1.22E-02	0	1.22E-02	2.39E-02	-1.17E-02	6.62E-03	2.39E-02	-1.72E-02
COURSE GRID	382500.0	3737000.0	1.64E-02	0	1.64E-02	3.83E-02	-2.18E-02	1.00E-02	3.83E-02	-2.82E-02
COURSE GRID	383000.0	3737000.0	4.01E-02	0	4.01E-02	1.15E-01	-7.49E-02	2.98E-02	1.15E-01	-8.52E-02
COURSE GRID	383500.0	3737000.0	8.62E-01	0	8.62E-01	2.81E+00	-1.95E+00	7.22E-01	2.81E+00	-2.09E+00
COURSE GRID	384000.0	3737000.0	4.13E-02	0	4.13E-02	1.15E-01	-7.35E-02	3.05E-02	1.15E-01	-8.44E-02
COURSE GRID	384500.0	3737000.0	2.19E-02	0	2.19E-02	4.71E-02	-2.52E-02	1.40E-02	4.71E-02	-3.32E-02
COURSE GRID	385000.0	3737000.0	1.78E-02	0	1.78E-02	3.01E-02	-1.23E-02	1.04E-02	3.01E-02	-1.97E-02
COURSE GRID	385500.0	3737000.0	1.73E-02	0	1.73E-02	2.37E-02	-6.41E-03	9.65E-03	2.37E-02	-1.41E-02
COURSE GRID	386000.0	3737000.0	1.97E-02	0	1.97E-02	2.63E-02	-6.61E-03	1.13E-02	2.63E-02	-1.50E-02
COURSE GRID	386500.0	3737000.0	2.52E-02	0	2.52E-02	3.99E-02	-1.46E-02	1.60E-02	3.99E-02	-2.39E-02
COURSE GRID	387000.0	3737000.0	5.11E-02	0	5.11E-02	1.11E-01	-5.95E-02	3.78E-02	1.11E-01	-7.29E-02
COURSE GRID	387500.0	3737000.0	9.49E-02	0	9.49E-02	2.50E-01	-1.55E-01	7.59E-02	2.50E-01	-1.74E-01
COURSE GRID	388000.0	3737000.0	8.04E-02	0	8.04E-02	2.03E-01	-1.22E-01	6.46E-02	2.03E-01	-1.38E-01
COURSE GRID	388500.0	3737000.0	5.41E-02	0	5.41E-02	1.17E-01	-6.33E-02	4.32E-02	1.17E-01	-7.42E-02
COURSE GRID	389000.0	3737000.0	3.60E-02	0	3.60E-02	6.88E-02	-3.28E-02	2.74E-02	6.88E-02	-4.14E-02
COURSE GRID	389500.0	3737000.0	2.42E-02	0	2.42E-02	4.01E-02	-1.60E-02	1.68E-02	4.01E-02	-2.33E-02

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION				REDUCED PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
			IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	IMPACT	BASELINE	IMPACT	BASELINE	IMPACT
COURSE GRID	390000.0	3737000.0	1.84E-02	2.61E-02	1.84E-02	2.61E-02	-7.75E-03	1.17E-02	2.61E-02	-1.45E-02		
COURSE GRID	390500.0	3737000.0	1.54E-02	1.87E-02	1.54E-02	1.87E-02	-3.38E-03	8.99E-03	1.87E-02	-9.75E-03		
COURSE GRID	391000.0	3737000.0	1.36E-02	1.45E-02	1.36E-02	1.45E-02	-8.90E-04	7.47E-03	1.45E-02	-7.06E-03		
COURSE GRID	391500.0	3737000.0	1.26E-02	1.19E-02	1.26E-02	1.19E-02	7.60E-04	6.55E-03	1.19E-02	-5.31E-03		
COURSE GRID	392000.0	3737000.0	1.20E-02	1.00E-02	1.20E-02	1.00E-02	1.94E-03	5.95E-03	1.00E-02	-4.07E-03		
COURSE GRID	392500.0	3737000.0	1.15E-02	8.76E-03	1.15E-02	8.76E-03	2.79E-03	5.54E-03	8.76E-03	-3.21E-03		
COURSE GRID	393000.0	3737000.0	1.12E-02	7.80E-03	1.12E-02	7.80E-03	3.41E-03	5.25E-03	7.80E-03	-2.55E-03		
COURSE GRID	393500.0	3737000.0	1.09E-02	6.99E-03	1.09E-02	6.99E-03	3.91E-03	4.97E-03	6.99E-03	-2.02E-03		
COURSE GRID	377000.0	3737500.0	4.18E-03	3.32E-03	4.18E-03	3.32E-03	8.65E-04	1.66E-03	3.32E-03	-1.66E-03		
COURSE GRID	377500.0	3737500.0	4.61E-03	4.00E-03	4.61E-03	4.00E-03	6.05E-04	1.87E-03	4.00E-03	-2.13E-03		
COURSE GRID	378000.0	3737500.0	5.12E-03	5.07E-03	5.12E-03	5.07E-03	5.20E-05	2.15E-03	5.07E-03	-2.92E-03		
COURSE GRID	378500.0	3737500.0	5.31E-03	5.58E-03	5.31E-03	5.58E-03	-2.69E-04	2.28E-03	5.58E-03	-3.31E-03		
COURSE GRID	379000.0	3737500.0	5.53E-03	6.04E-03	5.53E-03	6.04E-03	-5.09E-04	2.38E-03	6.04E-03	-3.65E-03		
COURSE GRID	379500.0	3737500.0	5.99E-03	7.02E-03	5.99E-03	7.02E-03	-1.02E-03	2.62E-03	7.02E-03	-4.39E-03		
COURSE GRID	380000.0	3737500.0	6.83E-03	9.09E-03	6.83E-03	9.09E-03	-2.26E-03	3.13E-03	9.09E-03	-5.96E-03		
COURSE GRID	380500.0	3737500.0	7.45E-03	1.08E-02	7.45E-03	1.08E-02	-3.32E-03	3.51E-03	1.08E-02	-7.25E-03		
COURSE GRID	381000.0	3737500.0	8.51E-03	1.37E-02	8.51E-03	1.37E-02	-5.17E-03	4.21E-03	1.37E-02	-9.47E-03		
COURSE GRID	381500.0	3737500.0	9.85E-03	1.75E-02	9.85E-03	1.75E-02	-7.66E-03	5.18E-03	1.75E-02	-1.23E-02		
COURSE GRID	382000.0	3737500.0	1.24E-02	2.52E-02	1.24E-02	2.52E-02	-2.98E-02	7.13E-03	2.52E-02	-1.81E-02		
COURSE GRID	382500.0	3737500.0	1.99E-02	4.97E-02	1.99E-02	4.97E-02	-2.98E-02	1.34E-02	4.97E-02	-3.64E-02		
COURSE GRID	383000.0	3737500.0	5.68E-02	1.70E-01	5.68E-02	1.70E-01	-1.13E-01	4.42E-02	1.70E-01	-1.25E-01		
COURSE GRID	383500.0	3737500.0	2.72E-02	7.05E-02	2.72E-02	7.05E-02	-4.33E-02	1.90E-02	7.05E-02	-5.15E-02		
COURSE GRID	384000.0	3737500.0	1.53E-02	2.93E-02	1.53E-02	2.93E-02	-1.41E-02	8.88E-03	2.93E-02	-2.05E-02		
COURSE GRID	384500.0	3737500.0	1.51E-02	2.63E-02	1.51E-02	2.63E-02	-1.12E-02	8.64E-03	2.63E-02	-1.77E-02		
COURSE GRID	385000.0	3737500.0	1.57E-02	2.48E-02	1.57E-02	2.48E-02	-9.06E-03	8.98E-03	2.48E-02	-1.58E-02		
COURSE GRID	385500.0	3737500.0	1.73E-02	2.61E-02	1.73E-02	2.61E-02	-8.83E-03	1.01E-02	2.61E-02	-1.60E-02		
COURSE GRID	386000.0	3737500.0	2.13E-02	3.49E-02	2.13E-02	3.49E-02	-1.36E-02	1.33E-02	3.49E-02	-2.16E-02		
COURSE GRID	386500.0	3737500.0	3.32E-02	6.61E-02	3.32E-02	6.61E-02	-3.29E-02	2.25E-02	6.61E-02	-4.36E-02		
COURSE GRID	387000.0	3737500.0	8.39E-01	2.68E+00	8.39E-01	2.68E+00	-1.85E+00	7.01E-01	2.68E+00	-1.98E+00		
COURSE GRID	387500.0	3737500.0	1.05E-01	2.69E-01	1.05E-01	2.69E-01	-1.64E-01	8.77E-02	2.69E-01	-1.81E-01		
COURSE GRID	388000.0	3737500.0	9.15E-02	1.91E-01	9.15E-02	1.91E-01	-9.99E-02	8.13E-02	1.91E-01	-1.10E-01		
COURSE GRID	388500.0	3737500.0	3.83E-02	7.23E-02	3.83E-02	7.23E-02	-3.40E-02	3.04E-02	7.23E-02	-4.19E-02		
COURSE GRID	389000.0	3737500.0	2.22E-02	3.60E-02	2.22E-02	3.60E-02	-1.38E-02	1.54E-02	3.60E-02	-2.06E-02		
COURSE GRID	389500.0	3737500.0	1.66E-02	2.32E-02	1.66E-02	2.32E-02	-6.60E-03	1.04E-02	2.32E-02	-1.28E-02		
COURSE GRID	390000.0	3737500.0	1.39E-02	1.70E-02	1.39E-02	1.70E-02	-3.02E-03	8.07E-03	1.70E-02	-8.89E-03		
COURSE GRID	390500.0	3737500.0	1.25E-02	1.35E-02	1.25E-02	1.35E-02	-9.80E-04	6.80E-03	1.35E-02	-6.65E-03		
COURSE GRID	391000.0	3737500.0	1.15E-02	1.12E-02	1.15E-02	1.12E-02	3.70E-04	6.02E-03	1.12E-02	-5.14E-03		
COURSE GRID	391500.0	3737500.0	1.09E-02	9.55E-03	1.09E-02	9.55E-03	1.32E-03	5.45E-03	9.55E-03	-4.10E-03		
COURSE GRID	392000.0	3737500.0	1.05E-02	8.40E-03	1.05E-02	8.40E-03	2.06E-03	5.08E-03	8.40E-03	-3.32E-03		
COURSE GRID	392500.0	3737500.0	1.02E-02	7.49E-03	1.02E-02	7.49E-03	2.66E-03	4.80E-03	7.49E-03	-2.70E-03		

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	393000.0	3737500.0	9.93E-03	0	9.93E-03	6.76E-03	3.18E-03	4.58E-03	0	4.58E-03	6.76E-03	-2.18E-03
COURSE GRID	393500.0	3737500.0	9.73E-03	0	9.73E-03	6.14E-03	3.59E-03	4.39E-03	0	4.39E-03	6.14E-03	-1.75E-03
COURSE GRID	377000.0	3738000.0	4.16E-03	0	4.16E-03	3.51E-03	6.48E-04	1.69E-03	0	1.69E-03	3.51E-03	-1.83E-03
COURSE GRID	377500.0	3738000.0	4.43E-03	0	4.43E-03	4.03E-03	4.05E-04	1.83E-03	0	1.83E-03	4.03E-03	-2.19E-03
COURSE GRID	378000.0	3738000.0	4.64E-03	0	4.64E-03	4.51E-03	1.32E-04	1.96E-03	0	1.96E-03	4.51E-03	-2.54E-03
COURSE GRID	378500.0	3738000.0	4.68E-03	0	4.68E-03	4.58E-03	9.40E-05	1.98E-03	0	1.98E-03	4.58E-03	-2.60E-03
COURSE GRID	379000.0	3738000.0	5.27E-03	0	5.27E-03	5.82E-03	-5.46E-04	2.30E-03	0	2.30E-03	5.82E-03	-3.52E-03
COURSE GRID	379500.0	3738000.0	6.24E-03	0	6.24E-03	8.05E-03	-1.81E-03	2.88E-03	0	2.88E-03	8.05E-03	-5.17E-03
COURSE GRID	380000.0	3738000.0	7.11E-03	0	7.11E-03	9.97E-03	-2.86E-03	3.38E-03	0	3.38E-03	9.97E-03	-6.59E-03
COURSE GRID	380500.0	3738000.0	7.29E-03	0	7.29E-03	1.06E-02	-3.33E-03	3.54E-03	0	3.54E-03	1.06E-02	-7.08E-03
COURSE GRID	381000.0	3738000.0	8.45E-03	0	8.45E-03	1.37E-02	-5.28E-03	4.33E-03	0	4.33E-03	1.37E-02	-9.40E-03
COURSE GRID	381500.0	3738000.0	9.83E-03	0	9.83E-03	1.81E-02	-8.24E-03	5.39E-03	0	5.39E-03	1.81E-02	-1.27E-02
COURSE GRID	382000.0	3738000.0	1.35E-02	0	1.35E-02	2.96E-02	-1.60E-02	8.35E-03	0	8.35E-03	2.96E-02	-2.12E-02
COURSE GRID	382500.0	3738000.0	2.04E-02	0	2.04E-02	5.18E-02	-3.14E-02	1.41E-02	0	1.41E-02	5.18E-02	-3.77E-02
COURSE GRID	383000.0	3738000.0	2.14E-02	0	2.14E-02	5.45E-02	-3.31E-02	1.47E-02	0	1.47E-02	5.45E-02	-3.98E-02
COURSE GRID	383500.0	3738000.0	1.56E-02	0	1.56E-02	3.32E-02	-1.76E-02	9.59E-03	0	9.59E-03	3.32E-02	-2.36E-02
COURSE GRID	384000.0	3738000.0	1.19E-02	0	1.19E-02	1.91E-02	-7.19E-03	6.35E-03	0	6.35E-03	1.91E-02	-1.27E-02
COURSE GRID	384500.0	3738000.0	1.27E-02	0	1.27E-02	1.99E-02	-7.17E-03	6.95E-03	0	6.95E-03	1.99E-02	-1.29E-02
COURSE GRID	385000.0	3738000.0	1.37E-02	0	1.37E-02	2.03E-02	-6.58E-03	7.68E-03	0	7.68E-03	2.03E-02	-1.26E-02
COURSE GRID	385500.0	3738000.0	1.68E-02	0	1.68E-02	2.70E-02	-1.02E-02	1.02E-02	0	1.02E-02	2.70E-02	-1.68E-02
COURSE GRID	386000.0	3738000.0	2.43E-02	0	2.43E-02	4.65E-02	-2.22E-02	1.65E-02	0	1.65E-02	4.65E-02	-3.00E-02
COURSE GRID	386500.0	3738000.0	6.81E-02	0	6.81E-02	1.80E-01	-1.12E-01	5.35E-02	0	5.35E-02	1.80E-01	-1.26E-01
COURSE GRID	387000.0	3738000.0	6.05E-02	0	6.05E-02	1.45E-01	-8.41E-02	4.67E-02	0	4.67E-02	1.45E-01	-9.79E-02
COURSE GRID	387500.0	3738000.0	1.18E-01	0	1.18E-01	2.33E-01	-1.15E-01	1.11E-01	0	1.11E-01	2.33E-01	-1.22E-01
COURSE GRID	388000.0	3738000.0	2.77E-02	0	2.77E-02	4.81E-02	-2.05E-02	2.09E-02	0	2.09E-02	4.81E-02	-2.73E-02
COURSE GRID	388500.0	3738000.0	1.81E-02	0	1.81E-02	2.76E-02	-9.51E-03	1.21E-02	0	1.21E-02	2.76E-02	-1.56E-02
COURSE GRID	389000.0	3738000.0	1.45E-02	0	1.45E-02	1.90E-02	-4.47E-03	8.82E-03	0	8.82E-03	1.90E-02	-1.02E-02
COURSE GRID	389500.0	3738000.0	1.25E-02	0	1.25E-02	1.44E-02	-1.89E-03	7.12E-03	0	7.12E-03	1.44E-02	-7.32E-03
COURSE GRID	390000.0	3738000.0	1.14E-02	0	1.14E-02	1.17E-02	-3.80E-04	6.11E-03	0	6.11E-03	1.17E-02	-5.62E-03
COURSE GRID	390500.0	3738000.0	1.05E-02	0	1.05E-02	9.94E-03	5.90E-04	5.43E-03	0	5.43E-03	9.94E-03	-4.52E-03
COURSE GRID	391000.0	3738000.0	9.98E-03	0	9.98E-03	8.63E-03	1.35E-03	4.98E-03	0	4.98E-03	8.63E-03	-3.65E-03
COURSE GRID	391500.0	3738000.0	9.57E-03	0	9.57E-03	7.66E-03	1.92E-03	4.64E-03	0	4.64E-03	7.66E-03	-3.02E-03
COURSE GRID	392000.0	3738000.0	9.25E-03	0	9.25E-03	6.90E-03	2.35E-03	4.38E-03	0	4.38E-03	6.90E-03	-2.52E-03
COURSE GRID	392500.0	3738000.0	9.01E-03	0	9.01E-03	6.26E-03	2.74E-03	4.15E-03	0	4.15E-03	6.26E-03	-2.11E-03
COURSE GRID	393000.0	3738000.0	8.82E-03	0	8.82E-03	5.72E-03	3.10E-03	3.98E-03	0	3.98E-03	5.72E-03	-1.74E-03
COURSE GRID	393500.0	3738000.0	8.73E-03	0	8.73E-03	5.32E-03	3.41E-03	3.87E-03	0	3.87E-03	5.32E-03	-1.44E-03
COURSE GRID	377000.0	3738500.0	3.98E-03	0	3.98E-03	3.39E-03	5.93E-04	1.62E-03	0	1.62E-03	3.39E-03	-1.77E-03
COURSE GRID	377500.0	3738500.0	4.40E-03	0	4.40E-03	4.27E-03	1.33E-04	1.86E-03	0	1.86E-03	4.27E-03	-2.41E-03
COURSE GRID	378000.0	3738500.0	4.45E-03	0	4.45E-03	4.35E-03	1.01E-04	1.89E-03	0	1.89E-03	4.35E-03	-2.45E-03
COURSE GRID	378500.0	3738500.0	4.85E-03	0	4.85E-03	5.27E-03	-4.20E-04	2.11E-03	0	2.11E-03	5.27E-03	-3.16E-03

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION				
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT
COURSE GRID	379000.0	3738500.0	5.26E-03	5.90E-03	-6.39E-04	2.33E-03	5.90E-03	2.33E-03	5.90E-03	-3.57E-03
COURSE GRID	379500.0	3738500.0	5.88E-03	7.37E-03	-1.49E-03	2.72E-03	7.37E-03	2.72E-03	7.37E-03	-4.64E-03
COURSE GRID	380000.0	3738500.0	6.76E-03	9.44E-03	-2.68E-03	3.26E-03	9.44E-03	3.26E-03	9.44E-03	-6.18E-03
COURSE GRID	380500.0	3738500.0	7.53E-03	1.14E-02	-3.83E-03	3.79E-03	1.14E-02	3.79E-03	1.14E-02	-7.57E-03
COURSE GRID	381000.0	3738500.0	8.67E-03	1.48E-02	-6.17E-03	4.65E-03	1.48E-02	4.65E-03	1.48E-02	-1.02E-02
COURSE GRID	381500.0	3738500.0	1.04E-02	2.03E-02	-9.98E-03	6.03E-03	2.03E-02	6.03E-03	2.03E-02	-1.43E-02
COURSE GRID	382000.0	3738500.0	1.31E-02	2.88E-02	-1.57E-02	8.21E-03	2.88E-02	8.21E-03	2.88E-02	-2.06E-02
COURSE GRID	382500.0	3738500.0	1.39E-02	3.11E-02	-1.72E-02	8.83E-03	3.11E-02	8.83E-03	3.11E-02	-2.23E-02
COURSE GRID	383000.0	3738500.0	1.36E-02	2.96E-02	-1.60E-02	8.42E-03	2.96E-02	8.42E-03	2.96E-02	-2.12E-02
COURSE GRID	383500.0	3738500.0	1.23E-02	2.32E-02	-1.10E-02	7.09E-03	2.32E-02	7.09E-03	2.32E-02	-1.61E-02
COURSE GRID	384000.0	3738500.0	1.19E-02	2.03E-02	-8.43E-03	6.68E-03	2.03E-02	6.68E-03	2.03E-02	-1.36E-02
COURSE GRID	384500.0	3738500.0	1.16E-02	1.78E-02	-6.20E-03	6.40E-03	1.78E-02	6.40E-03	1.78E-02	-1.14E-02
COURSE GRID	385000.0	3738500.0	1.36E-02	2.18E-02	-8.24E-03	7.97E-03	2.18E-02	7.97E-03	2.18E-02	-1.39E-02
COURSE GRID	385500.0	3738500.0	1.78E-02	3.22E-02	-1.44E-02	1.15E-02	3.22E-02	1.15E-02	3.22E-02	-2.07E-02
COURSE GRID	386000.0	3738500.0	2.83E-02	6.12E-02	-3.28E-02	2.04E-02	6.12E-02	2.04E-02	6.12E-02	-4.08E-02
COURSE GRID	386500.0	3738500.0	3.63E-02	8.03E-02	-4.40E-02	2.71E-02	8.03E-02	2.71E-02	8.03E-02	-5.32E-02
COURSE GRID	387000.0	3738500.0	3.86E-02	7.55E-02	-3.69E-02	3.04E-02	7.55E-02	3.04E-02	7.55E-02	-4.51E-02
COURSE GRID	387500.0	3738500.0	2.25E-02	3.45E-02	-1.20E-02	1.62E-02	3.45E-02	1.62E-02	3.45E-02	-1.83E-02
COURSE GRID	388000.0	3738500.0	1.44E-02	1.84E-02	-4.01E-03	8.74E-03	1.84E-02	8.74E-03	1.84E-02	-9.69E-03
COURSE GRID	388500.0	3738500.0	1.17E-02	1.25E-02	-8.22E-04	6.41E-03	1.25E-02	6.41E-03	1.25E-02	-6.07E-03
COURSE GRID	389000.0	3738500.0	1.11E-02	1.17E-02	-6.39E-04	6.01E-03	1.17E-02	6.01E-03	1.17E-02	-5.69E-03
COURSE GRID	389500.0	3738500.0	1.04E-02	1.04E-02	5.80E-05	5.52E-03	1.04E-02	5.52E-03	1.04E-02	-4.87E-03
COURSE GRID	390000.0	3738500.0	9.85E-03	9.16E-03	6.87E-04	5.06E-03	9.16E-03	5.06E-03	9.16E-03	-4.11E-03
COURSE GRID	390500.0	3738500.0	9.31E-03	8.05E-03	1.26E-03	4.61E-03	8.05E-03	4.61E-03	8.05E-03	-3.44E-03
COURSE GRID	391000.0	3738500.0	8.87E-03	7.10E-03	1.78E-03	4.27E-03	7.10E-03	4.27E-03	7.10E-03	-2.83E-03
COURSE GRID	391500.0	3738500.0	8.57E-03	6.36E-03	2.20E-03	4.01E-03	6.36E-03	4.01E-03	6.36E-03	-2.35E-03
COURSE GRID	392000.0	3738500.0	8.34E-03	5.80E-03	2.54E-03	3.82E-03	5.80E-03	3.82E-03	5.80E-03	-1.98E-03
COURSE GRID	392500.0	3738500.0	8.14E-03	5.35E-03	2.79E-03	3.66E-03	5.35E-03	3.66E-03	5.35E-03	-1.69E-03
COURSE GRID	393000.0	3738500.0	7.95E-03	4.92E-03	3.04E-03	3.52E-03	4.92E-03	3.52E-03	4.92E-03	-1.40E-03
COURSE GRID	393500.0	3738500.0	7.87E-03	4.64E-03	3.23E-03	3.44E-03	4.64E-03	3.44E-03	4.64E-03	-1.20E-03
COURSE GRID	377000.0	3739000.0	4.30E-03	4.39E-03	-9.20E-05	1.86E-03	4.39E-03	1.86E-03	4.39E-03	-2.54E-03
COURSE GRID	377500.0	3739000.0	4.68E-03	5.16E-03	-4.84E-04	2.09E-03	5.16E-03	2.09E-03	5.16E-03	-3.07E-03
COURSE GRID	378000.0	3739000.0	4.64E-03	5.23E-03	-5.91E-04	2.07E-03	5.23E-03	2.07E-03	5.23E-03	-3.17E-03
COURSE GRID	378500.0	3739000.0	4.92E-03	5.59E-03	-6.68E-04	2.21E-03	5.59E-03	2.21E-03	5.59E-03	-3.38E-03
COURSE GRID	379000.0	3739000.0	5.32E-03	6.33E-03	-1.01E-03	2.44E-03	6.33E-03	2.44E-03	6.33E-03	-3.89E-03
COURSE GRID	379500.0	3739000.0	6.01E-03	7.98E-03	-1.97E-03	2.87E-03	7.98E-03	2.87E-03	7.98E-03	-5.11E-03
COURSE GRID	380000.0	3739000.0	6.86E-03	9.91E-03	-3.05E-03	3.44E-03	9.91E-03	3.44E-03	9.91E-03	-6.47E-03
COURSE GRID	380500.0	3739000.0	7.58E-03	1.21E-02	-4.53E-03	3.98E-03	1.21E-02	3.98E-03	1.21E-02	-8.13E-03
COURSE GRID	381000.0	3739000.0	8.74E-03	1.57E-02	-6.97E-03	4.90E-03	1.57E-02	4.90E-03	1.57E-02	-1.08E-02
COURSE GRID	381500.0	3739000.0	1.01E-02	1.98E-02	-9.71E-03	5.96E-03	1.98E-02	5.96E-03	1.98E-02	-1.38E-02

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE
COURSE GRID	382000.0	3739000.0	1.07E-02	0	1.07E-02	2.16E-02	-1.09E-02	6.41E-03	2.16E-02	6.41E-03	-1.52E-02
COURSE GRID	382500.0	3739000.0	1.09E-02	0	1.09E-02	2.17E-02	-1.08E-02	6.49E-03	2.17E-02	6.49E-03	-1.52E-02
COURSE GRID	383000.0	3739000.0	1.07E-02	0	1.07E-02	2.07E-02	-9.99E-03	6.20E-03	2.07E-02	6.20E-03	-1.45E-02
COURSE GRID	383500.0	3739000.0	1.06E-02	0	1.06E-02	1.89E-02	-8.31E-03	5.98E-03	1.89E-02	5.98E-03	-1.29E-02
COURSE GRID	384000.0	3739000.0	1.07E-02	0	1.07E-02	1.77E-02	-6.97E-03	5.98E-03	1.77E-02	5.98E-03	-1.17E-02
COURSE GRID	384500.0	3739000.0	1.15E-02	0	1.15E-02	1.89E-02	-7.40E-03	6.61E-03	1.89E-02	6.61E-03	-1.23E-02
COURSE GRID	385000.0	3739000.0	1.37E-02	0	1.37E-02	2.39E-02	-1.01E-02	8.45E-03	2.39E-02	8.45E-03	-1.54E-02
COURSE GRID	385500.0	3739000.0	1.84E-02	0	1.84E-02	3.58E-02	-1.73E-02	1.23E-02	3.58E-02	1.23E-02	-2.35E-02
COURSE GRID	386000.0	3739000.0	2.20E-02	0	2.20E-02	4.36E-02	-2.17E-02	1.53E-02	4.36E-02	1.53E-02	-2.83E-02
COURSE GRID	386500.0	3739000.0	2.38E-02	0	2.38E-02	4.55E-02	-2.17E-02	1.71E-02	4.55E-02	1.71E-02	-2.84E-02
COURSE GRID	387000.0	3739000.0	2.09E-02	0	2.09E-02	3.53E-02	-1.44E-02	1.45E-02	3.53E-02	1.45E-02	-2.08E-02
COURSE GRID	387500.0	3739000.0	1.59E-02	0	1.59E-02	2.25E-02	-6.67E-03	1.01E-02	2.25E-02	1.01E-02	-1.25E-02
COURSE GRID	388000.0	3739000.0	1.16E-02	0	1.16E-02	1.21E-02	-4.80E-04	6.43E-03	1.21E-02	6.43E-03	-5.62E-03
COURSE GRID	388500.0	3739000.0	1.02E-02	0	1.02E-02	1.00E-02	1.88E-04	5.38E-03	1.00E-02	5.38E-03	-4.64E-03
COURSE GRID	389000.0	3739000.0	9.27E-03	0	9.27E-03	8.06E-03	1.22E-03	4.62E-03	8.06E-03	4.62E-03	-3.43E-03
COURSE GRID	389500.0	3739000.0	8.51E-03	0	8.51E-03	6.53E-03	1.98E-03	4.03E-03	6.53E-03	4.03E-03	-2.50E-03
COURSE GRID	390000.0	3739000.0	8.43E-03	0	8.43E-03	6.51E-03	1.92E-03	4.01E-03	6.51E-03	4.01E-03	-2.50E-03
COURSE GRID	390500.0	3739000.0	8.26E-03	0	8.26E-03	6.27E-03	1.99E-03	3.90E-03	6.27E-03	3.90E-03	-2.37E-03
COURSE GRID	391000.0	3739000.0	8.06E-03	0	8.06E-03	5.93E-03	2.13E-03	3.76E-03	5.93E-03	3.76E-03	-2.16E-03
COURSE GRID	391500.0	3739000.0	7.90E-03	0	7.90E-03	5.65E-03	2.25E-03	3.64E-03	5.65E-03	3.64E-03	-2.01E-03
COURSE GRID	392000.0	3739000.0	7.73E-03	0	7.73E-03	5.32E-03	2.41E-03	3.52E-03	5.32E-03	3.52E-03	-1.80E-03
COURSE GRID	392500.0	3739000.0	7.54E-03	0	7.54E-03	4.94E-03	2.60E-03	3.38E-03	4.94E-03	3.38E-03	-1.56E-03
COURSE GRID	393000.0	3739000.0	7.26E-03	0	7.26E-03	4.39E-03	2.87E-03	3.18E-03	4.39E-03	3.18E-03	-1.21E-03
COURSE GRID	393500.0	3739000.0	7.06E-03	0	7.06E-03	4.00E-03	3.06E-03	3.03E-03	4.00E-03	3.03E-03	-9.65E-04
COURSE GRID	377000.0	3739500.0	4.16E-03	0	4.16E-03	4.28E-03	-1.27E-04	1.83E-03	4.28E-03	1.83E-03	-2.45E-03
COURSE GRID	377500.0	3739500.0	4.31E-03	0	4.31E-03	4.67E-03	-3.54E-04	1.91E-03	4.67E-03	1.91E-03	-2.76E-03
COURSE GRID	378000.0	3739500.0	4.62E-03	0	4.62E-03	5.27E-03	-6.56E-04	2.09E-03	5.27E-03	2.09E-03	-3.19E-03
COURSE GRID	378500.0	3739500.0	5.01E-03	0	5.01E-03	5.94E-03	-9.31E-04	2.31E-03	5.94E-03	2.31E-03	-3.63E-03
COURSE GRID	379000.0	3739500.0	5.48E-03	0	5.48E-03	7.00E-03	-1.52E-03	2.61E-03	7.00E-03	2.61E-03	-4.39E-03
COURSE GRID	379500.0	3739500.0	6.07E-03	0	6.07E-03	8.46E-03	-2.39E-03	3.01E-03	8.46E-03	3.01E-03	-5.45E-03
COURSE GRID	380000.0	3739500.0	6.61E-03	0	6.61E-03	9.85E-03	-3.24E-03	3.39E-03	9.85E-03	3.39E-03	-6.46E-03
COURSE GRID	380500.0	3739500.0	7.69E-03	0	7.69E-03	1.27E-02	-5.03E-03	4.16E-03	1.27E-02	4.16E-03	-8.56E-03
COURSE GRID	381000.0	3739500.0	8.46E-03	0	8.46E-03	1.51E-02	-6.61E-03	4.76E-03	1.51E-02	4.76E-03	-1.03E-02
COURSE GRID	381500.0	3739500.0	8.82E-03	0	8.82E-03	1.64E-02	-7.58E-03	5.06E-03	1.64E-02	5.06E-03	-1.13E-02
COURSE GRID	382000.0	3739500.0	9.04E-03	0	9.04E-03	1.66E-02	-7.60E-03	5.19E-03	1.66E-02	5.19E-03	-1.15E-02
COURSE GRID	382500.0	3739500.0	9.27E-03	0	9.27E-03	1.70E-02	-7.72E-03	5.32E-03	1.70E-02	5.32E-03	-1.17E-02
COURSE GRID	383000.0	3739500.0	9.21E-03	0	9.21E-03	1.65E-02	-7.27E-03	5.17E-03	1.65E-02	5.17E-03	-1.13E-02
COURSE GRID	383500.0	3739500.0	9.67E-03	0	9.67E-03	1.68E-02	-7.11E-03	5.45E-03	1.68E-02	5.45E-03	-1.13E-02
COURSE GRID	384000.0	3739500.0	1.03E-02	0	1.03E-02	1.72E-02	-6.92E-03	5.86E-03	1.72E-02	5.86E-03	-1.13E-02
COURSE GRID	384500.0	3739500.0	1.17E-02	0	1.17E-02	2.07E-02	-8.98E-03	7.05E-03	2.07E-02	7.05E-03	-1.36E-02

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	385000.0	3739500.0	1.35E-02	0	1.35E-02	2.43E-02	-1.09E-02	8.51E-03	0	8.51E-03	2.43E-02	-1.58E-02
COURSE GRID	385500.0	3739500.0	1.56E-02	0	1.56E-02	2.88E-02	-1.32E-02	1.03E-02	0	1.03E-02	2.88E-02	-1.86E-02
COURSE GRID	386000.0	3739500.0	1.70E-02	0	1.70E-02	3.05E-02	-1.35E-02	1.14E-02	0	1.14E-02	3.05E-02	-1.91E-02
COURSE GRID	386500.0	3739500.0	1.62E-02	0	1.62E-02	2.74E-02	-1.12E-02	1.07E-02	0	1.07E-02	2.74E-02	-1.67E-02
COURSE GRID	387000.0	3739500.0	1.48E-02	0	1.48E-02	2.21E-02	-7.39E-03	9.30E-03	0	9.30E-03	2.21E-02	-1.28E-02
COURSE GRID	387500.0	3739500.0	1.23E-02	0	1.23E-02	1.52E-02	-2.90E-03	7.15E-03	0	7.15E-03	1.52E-02	-8.04E-03
COURSE GRID	388000.0	3739500.0	1.03E-02	0	1.03E-02	1.05E-02	-2.20E-04	5.46E-03	0	5.46E-03	1.05E-02	-5.01E-03
COURSE GRID	388500.0	3739500.0	8.52E-03	0	8.52E-03	6.88E-03	1.64E-03	4.09E-03	0	4.09E-03	6.88E-03	-2.79E-03
COURSE GRID	389000.0	3739500.0	8.47E-03	0	8.47E-03	7.01E-03	1.46E-03	4.14E-03	0	4.14E-03	7.01E-03	-2.87E-03
COURSE GRID	389500.0	3739500.0	8.00E-03	0	8.00E-03	6.04E-03	1.96E-03	3.76E-03	0	3.76E-03	6.04E-03	-2.28E-03
COURSE GRID	390000.0	3739500.0	7.46E-03	0	7.46E-03	4.94E-03	2.53E-03	3.35E-03	0	3.35E-03	4.94E-03	-1.58E-03
COURSE GRID	390500.0	3739500.0	7.30E-03	0	7.30E-03	4.60E-03	2.70E-03	3.22E-03	0	3.22E-03	4.60E-03	-1.38E-03
COURSE GRID	391000.0	3739500.0	7.25E-03	0	7.25E-03	4.64E-03	2.61E-03	3.23E-03	0	3.23E-03	4.64E-03	-1.42E-03
COURSE GRID	391500.0	3739500.0	7.18E-03	0	7.18E-03	4.59E-03	2.59E-03	3.19E-03	0	3.19E-03	4.59E-03	-1.40E-03
COURSE GRID	392000.0	3739500.0	7.04E-03	0	7.04E-03	4.41E-03	2.63E-03	3.10E-03	0	3.10E-03	4.41E-03	-1.30E-03
COURSE GRID	392500.0	3739500.0	6.74E-03	0	6.74E-03	4.01E-03	2.73E-03	2.93E-03	0	2.93E-03	4.01E-03	-1.08E-03
COURSE GRID	393000.0	3739500.0	6.55E-03	0	6.55E-03	3.80E-03	2.76E-03	2.82E-03	0	2.82E-03	3.80E-03	-9.71E-04
COURSE GRID	393500.0	3739500.0	6.40E-03	0	6.40E-03	3.57E-03	2.82E-03	2.72E-03	0	2.72E-03	3.57E-03	-8.52E-04
COURSE GRID	377000.0	3740000.0	4.05E-03	0	4.05E-03	4.34E-03	-2.92E-04	1.81E-03	0	1.81E-03	4.34E-03	-2.53E-03
COURSE GRID	377500.0	3740000.0	4.29E-03	0	4.29E-03	4.86E-03	-5.72E-04	1.95E-03	0	1.95E-03	4.86E-03	-2.92E-03
COURSE GRID	378000.0	3740000.0	4.63E-03	0	4.63E-03	5.40E-03	-7.69E-04	2.14E-03	0	2.14E-03	5.40E-03	-3.26E-03
COURSE GRID	378500.0	3740000.0	5.02E-03	0	5.02E-03	6.26E-03	-1.24E-03	2.40E-03	0	2.40E-03	6.26E-03	-3.86E-03
COURSE GRID	379000.0	3740000.0	5.41E-03	0	5.41E-03	7.19E-03	-1.78E-03	2.65E-03	0	2.65E-03	7.19E-03	-4.53E-03
COURSE GRID	379500.0	3740000.0	5.82E-03	0	5.82E-03	8.22E-03	-2.40E-03	2.93E-03	0	2.93E-03	8.22E-03	-5.29E-03
COURSE GRID	380000.0	3740000.0	6.64E-03	0	6.64E-03	1.05E-02	-3.84E-03	3.54E-03	0	3.54E-03	1.05E-02	-6.95E-03
COURSE GRID	380500.0	3740000.0	7.20E-03	0	7.20E-03	1.20E-02	-4.84E-03	3.94E-03	0	3.94E-03	1.20E-02	-8.10E-03
COURSE GRID	381000.0	3740000.0	7.62E-03	0	7.62E-03	1.30E-02	-5.41E-03	4.22E-03	0	4.22E-03	1.30E-02	-8.81E-03
COURSE GRID	381500.0	3740000.0	7.79E-03	0	7.79E-03	1.35E-02	-5.72E-03	4.34E-03	0	4.34E-03	1.35E-02	-9.17E-03
COURSE GRID	382000.0	3740000.0	8.05E-03	0	8.05E-03	1.40E-02	-5.94E-03	4.50E-03	0	4.50E-03	1.40E-02	-9.49E-03
COURSE GRID	382500.0	3740000.0	8.30E-03	0	8.30E-03	1.44E-02	-6.14E-03	4.67E-03	0	4.67E-03	1.44E-02	-9.78E-03
COURSE GRID	383000.0	3740000.0	8.53E-03	0	8.53E-03	1.47E-02	-6.21E-03	4.78E-03	0	4.78E-03	1.47E-02	-9.97E-03
COURSE GRID	383500.0	3740000.0	9.24E-03	0	9.24E-03	1.61E-02	-6.83E-03	5.27E-03	0	5.27E-03	1.61E-02	-1.08E-02
COURSE GRID	384000.0	3740000.0	9.99E-03	0	9.99E-03	1.71E-02	-7.06E-03	5.85E-03	0	5.85E-03	1.71E-02	-1.12E-02
COURSE GRID	384500.0	3740000.0	1.13E-02	0	1.13E-02	2.03E-02	-9.06E-03	6.90E-03	0	6.90E-03	2.03E-02	-1.34E-02
COURSE GRID	385000.0	3740000.0	1.23E-02	0	1.23E-02	2.17E-02	-9.42E-03	7.74E-03	0	7.74E-03	2.17E-02	-1.40E-02
COURSE GRID	385500.0	3740000.0	1.27E-02	0	1.27E-02	2.15E-02	-8.80E-03	8.04E-03	0	8.04E-03	2.15E-02	-1.34E-02
COURSE GRID	386000.0	3740000.0	1.32E-02	0	1.32E-02	2.17E-02	-8.57E-03	8.32E-03	0	8.32E-03	2.17E-02	-1.34E-02
COURSE GRID	386500.0	3740000.0	1.24E-02	0	1.24E-02	1.89E-02	-6.41E-03	7.63E-03	0	7.63E-03	1.89E-02	-1.12E-02
COURSE GRID	387000.0	3740000.0	1.16E-02	0	1.16E-02	1.59E-02	-4.29E-03	6.82E-03	0	6.82E-03	1.59E-02	-9.08E-03
COURSE GRID	387500.0	3740000.0	1.04E-02	0	1.04E-02	1.19E-02	-1.57E-03	5.70E-03	0	5.70E-03	1.19E-02	-6.22E-03

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION				REDUCED PROJECT - WITH MITIGATION			
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT
COURSE GRID	388000.0	3740000.0	9.33E-03	0	9.33E-03	9.51E-03	-1.82E-04	4.85E-03	9.51E-03	-4.66E-03
COURSE GRID	388500.0	3740000.0	8.08E-03	0	8.08E-03	6.28E-03	1.81E-03	3.89E-03	6.28E-03	-2.38E-03
COURSE GRID	389000.0	3740000.0	7.43E-03	0	7.43E-03	5.29E-03	2.14E-03	3.38E-03	5.29E-03	-1.91E-03
COURSE GRID	389500.0	3740000.0	7.36E-03	0	7.36E-03	5.37E-03	1.99E-03	3.41E-03	5.37E-03	-1.96E-03
COURSE GRID	390000.0	3740000.0	6.97E-03	0	6.97E-03	4.66E-03	2.32E-03	3.13E-03	4.66E-03	-1.53E-03
COURSE GRID	390500.0	3740000.0	6.83E-03	0	6.83E-03	4.26E-03	2.58E-03	3.01E-03	4.26E-03	-1.25E-03
COURSE GRID	391000.0	3740000.0	6.61E-03	0	6.61E-03	3.75E-03	2.86E-03	2.82E-03	3.75E-03	-9.28E-04
COURSE GRID	391500.0	3740000.0	6.46E-03	0	6.46E-03	3.59E-03	2.87E-03	2.74E-03	3.59E-03	-8.52E-04
COURSE GRID	392000.0	3740000.0	6.17E-03	0	6.17E-03	3.33E-03	2.85E-03	2.61E-03	3.33E-03	-7.20E-04
COURSE GRID	392500.0	3740000.0	5.87E-03	0	5.87E-03	3.12E-03	2.76E-03	2.44E-03	3.12E-03	-6.75E-04
COURSE GRID	393000.0	3740000.0	5.84E-03	0	5.84E-03	2.96E-03	2.88E-03	2.41E-03	2.96E-03	-5.52E-04
COURSE GRID	393500.0	3740000.0	5.99E-03	0	5.99E-03	3.10E-03	2.89E-03	2.50E-03	3.10E-03	-5.99E-04
COURSE GRID	377000.0	3740500.0	4.02E-03	0	4.02E-03	4.49E-03	-4.69E-04	1.82E-03	4.49E-03	-2.66E-03
COURSE GRID	377500.0	3740500.0	4.32E-03	0	4.32E-03	5.02E-03	-7.08E-04	2.01E-03	5.02E-03	-3.02E-03
COURSE GRID	378000.0	3740500.0	4.67E-03	0	4.67E-03	5.71E-03	-1.04E-03	2.23E-03	5.71E-03	-3.49E-03
COURSE GRID	378500.0	3740500.0	4.97E-03	0	4.97E-03	6.33E-03	-1.36E-03	2.41E-03	6.33E-03	-3.92E-03
COURSE GRID	379000.0	3740500.0	5.37E-03	0	5.37E-03	7.41E-03	-2.04E-03	2.70E-03	7.41E-03	-4.71E-03
COURSE GRID	379500.0	3740500.0	5.90E-03	0	5.90E-03	8.91E-03	-3.01E-03	3.10E-03	8.91E-03	-5.82E-03
COURSE GRID	380000.0	3740500.0	6.25E-03	0	6.25E-03	9.73E-03	-3.48E-03	3.32E-03	9.73E-03	-6.41E-03
COURSE GRID	380500.0	3740500.0	6.63E-03	0	6.63E-03	1.07E-02	-4.05E-03	3.58E-03	1.07E-02	-7.10E-03
COURSE GRID	381000.0	3740500.0	6.90E-03	0	6.90E-03	1.14E-02	-4.45E-03	3.76E-03	1.14E-02	-7.59E-03
COURSE GRID	381500.0	3740500.0	7.09E-03	0	7.09E-03	1.17E-02	-4.63E-03	3.87E-03	1.17E-02	-7.85E-03
COURSE GRID	382000.0	3740500.0	7.36E-03	0	7.36E-03	1.24E-02	-5.04E-03	4.08E-03	1.24E-02	-8.32E-03
COURSE GRID	382500.0	3740500.0	7.67E-03	0	7.67E-03	1.30E-02	-5.32E-03	4.30E-03	1.30E-02	-8.69E-03
COURSE GRID	383000.0	3740500.0	8.02E-03	0	8.02E-03	1.36E-02	-5.57E-03	4.52E-03	1.36E-02	-9.07E-03
COURSE GRID	383500.0	3740500.0	8.92E-03	0	8.92E-03	1.57E-02	-6.78E-03	5.19E-03	1.57E-02	-1.05E-02
COURSE GRID	384000.0	3740500.0	9.57E-03	0	9.57E-03	1.66E-02	-6.99E-03	5.69E-03	1.66E-02	-1.09E-02
COURSE GRID	384500.0	3740500.0	1.05E-02	0	1.05E-02	1.81E-02	-7.57E-03	6.38E-03	1.81E-02	-1.17E-02
COURSE GRID	385000.0	3740500.0	1.08E-02	0	1.08E-02	1.83E-02	-7.56E-03	6.66E-03	1.83E-02	-1.17E-02
COURSE GRID	385500.0	3740500.0	1.07E-02	0	1.07E-02	1.69E-02	-6.23E-03	6.47E-03	1.69E-02	-1.04E-02
COURSE GRID	386000.0	3740500.0	1.04E-02	0	1.04E-02	1.56E-02	-5.21E-03	6.20E-03	1.56E-02	-9.43E-03
COURSE GRID	386500.0	3740500.0	1.01E-02	0	1.01E-02	1.41E-02	-3.96E-03	5.85E-03	1.41E-02	-8.21E-03
COURSE GRID	387000.0	3740500.0	9.74E-03	0	9.74E-03	1.24E-02	-2.69E-03	5.42E-03	1.24E-02	-7.01E-03
COURSE GRID	387500.0	3740500.0	8.96E-03	0	8.96E-03	9.70E-03	-7.39E-04	4.71E-03	9.70E-03	-4.99E-03
COURSE GRID	388000.0	3740500.0	8.28E-03	0	8.28E-03	7.95E-03	3.32E-04	4.15E-03	7.95E-03	-3.80E-03
COURSE GRID	388500.0	3740500.0	7.74E-03	0	7.74E-03	6.66E-03	1.08E-03	3.76E-03	6.66E-03	-2.90E-03
COURSE GRID	389000.0	3740500.0	6.83E-03	0	6.83E-03	4.38E-03	2.45E-03	3.03E-03	4.38E-03	-1.35E-03
COURSE GRID	389500.0	3740500.0	6.63E-03	0	6.63E-03	4.35E-03	2.28E-03	2.93E-03	4.35E-03	-1.42E-03
COURSE GRID	390000.0	3740500.0	6.54E-03	0	6.54E-03	4.31E-03	2.23E-03	2.91E-03	4.31E-03	-1.40E-03
COURSE GRID	390500.0	3740500.0	6.32E-03	0	6.32E-03	3.79E-03	2.53E-03	2.73E-03	3.79E-03	-1.06E-03

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE
COURSE GRID	391000.0	3741000.0	6.16E-03	0	6.16E-03	3.52E-03	2.64E-03	2.64E-03	3.52E-03	2.64E-03	-8.78E-04
COURSE GRID	391500.0	3740500.0	5.82E-03	0	5.82E-03	2.96E-03	2.86E-03	2.86E-03	2.96E-03	2.86E-03	-5.50E-04
COURSE GRID	392000.0	3740500.0	5.17E-03	0	5.17E-03	2.21E-03	2.96E-03	2.01E-03	2.21E-03	2.96E-03	-2.09E-04
COURSE GRID	392500.0	3740500.0	4.97E-03	0	4.97E-03	2.04E-03	2.93E-03	1.90E-03	2.04E-03	2.93E-03	-1.44E-04
COURSE GRID	393000.0	3740500.0	5.49E-03	0	5.49E-03	2.61E-03	2.89E-03	2.23E-03	2.61E-03	2.89E-03	-3.75E-04
COURSE GRID	393500.0	3740500.0	5.65E-03	0	5.65E-03	2.79E-03	2.85E-03	2.32E-03	2.79E-03	2.85E-03	-4.71E-04
COURSE GRID	377000.0	3741000.0	4.02E-03	0	4.02E-03	4.67E-03	-6.56E-04	1.88E-03	4.67E-03	-2.80E-03	
COURSE GRID	377500.0	3741000.0	4.30E-03	0	4.30E-03	5.14E-03	-8.31E-04	2.04E-03	5.14E-03	-3.10E-03	
COURSE GRID	378000.0	3741000.0	4.52E-03	0	4.52E-03	5.49E-03	-9.67E-04	2.17E-03	5.49E-03	-3.32E-03	
COURSE GRID	378500.0	3741000.0	4.86E-03	0	4.86E-03	6.38E-03	-1.52E-03	2.41E-03	6.38E-03	-3.97E-03	
COURSE GRID	379000.0	3741000.0	5.34E-03	0	5.34E-03	7.73E-03	-2.39E-03	2.75E-03	7.73E-03	-4.97E-03	
COURSE GRID	379500.0	3741000.0	5.69E-03	0	5.69E-03	8.47E-03	-2.78E-03	2.97E-03	8.47E-03	-5.49E-03	
COURSE GRID	380000.0	3741000.0	5.85E-03	0	5.85E-03	8.85E-03	-3.00E-03	3.08E-03	8.85E-03	-5.76E-03	
COURSE GRID	380500.0	3741000.0	6.22E-03	0	6.22E-03	9.78E-03	-3.56E-03	3.33E-03	9.78E-03	-6.45E-03	
COURSE GRID	381000.0	3741000.0	6.45E-03	0	6.45E-03	1.02E-02	-3.78E-03	3.47E-03	1.02E-02	-6.76E-03	
COURSE GRID	381500.0	3741000.0	6.61E-03	0	6.61E-03	1.07E-02	-4.07E-03	3.61E-03	1.07E-02	-7.07E-03	
COURSE GRID	382000.0	3741000.0	6.93E-03	0	6.93E-03	1.15E-02	-4.54E-03	3.84E-03	1.15E-02	-7.63E-03	
COURSE GRID	382500.0	3741000.0	7.22E-03	0	7.22E-03	1.20E-02	-4.75E-03	4.05E-03	1.20E-02	-7.91E-03	
COURSE GRID	383000.0	3741000.0	7.75E-03	0	7.75E-03	1.32E-02	-5.44E-03	4.44E-03	1.32E-02	-8.75E-03	
COURSE GRID	383500.0	3741000.0	8.48E-03	0	8.48E-03	1.48E-02	-6.31E-03	4.95E-03	1.48E-02	-9.84E-03	
COURSE GRID	384000.0	3741000.0	8.88E-03	0	8.88E-03	1.50E-02	-6.07E-03	5.25E-03	1.50E-02	-9.71E-03	
COURSE GRID	384500.0	3741000.0	9.25E-03	0	9.25E-03	1.53E-02	-6.07E-03	5.50E-03	1.53E-02	-9.82E-03	
COURSE GRID	385000.0	3741000.0	9.39E-03	0	9.39E-03	1.50E-02	-5.63E-03	5.55E-03	1.50E-02	-9.47E-03	
COURSE GRID	385500.0	3741000.0	9.26E-03	0	9.26E-03	1.41E-02	-4.80E-03	5.42E-03	1.41E-02	-8.63E-03	
COURSE GRID	386000.0	3741000.0	8.97E-03	0	8.97E-03	1.25E-02	-3.57E-03	5.10E-03	1.25E-02	-7.44E-03	
COURSE GRID	386500.0	3741000.0	8.58E-03	0	8.58E-03	1.09E-02	-2.28E-03	4.72E-03	1.09E-02	-6.15E-03	
COURSE GRID	387000.0	3741000.0	8.42E-03	0	8.42E-03	1.02E-02	-1.74E-03	4.51E-03	1.02E-02	-5.66E-03	
COURSE GRID	387500.0	3741000.0	8.01E-03	0	8.01E-03	8.42E-03	-4.12E-04	4.10E-03	8.42E-03	-4.32E-03	
COURSE GRID	388000.0	3741000.0	7.49E-03	0	7.49E-03	6.93E-03	5.60E-04	3.64E-03	6.93E-03	-3.29E-03	
COURSE GRID	388500.0	3741000.0	7.21E-03	0	7.21E-03	6.29E-03	9.19E-04	3.46E-03	6.29E-03	-2.83E-03	
COURSE GRID	389000.0	3741000.0	6.67E-03	0	6.67E-03	4.82E-03	1.85E-03	3.04E-03	4.82E-03	-1.78E-03	
COURSE GRID	389500.0	3741000.0	6.09E-03	0	6.09E-03	3.55E-03	2.54E-03	2.59E-03	3.55E-03	-9.60E-04	
COURSE GRID	390000.0	3741000.0	6.05E-03	0	6.05E-03	3.74E-03	2.31E-03	2.61E-03	3.74E-03	-1.13E-03	
COURSE GRID	390500.0	3741000.0	5.86E-03	0	5.86E-03	3.51E-03	2.34E-03	2.53E-03	3.51E-03	-9.84E-04	
COURSE GRID	391000.0	3741000.0	5.60E-03	0	5.60E-03	2.91E-03	2.69E-03	2.32E-03	2.91E-03	-5.88E-04	
COURSE GRID	391500.0	3741000.0	5.40E-03	0	5.40E-03	2.74E-03	2.66E-03	2.22E-03	2.74E-03	-5.15E-04	
COURSE GRID	392000.0	3741000.0	5.33E-03	0	5.33E-03	2.61E-03	2.72E-03	2.17E-03	2.61E-03	-4.35E-04	
COURSE GRID	392500.0	3741000.0	5.18E-03	0	5.18E-03	2.34E-03	2.85E-03	2.06E-03	2.34E-03	-2.79E-04	
COURSE GRID	393000.0	3741000.0	5.19E-03	0	5.19E-03	2.31E-03	2.88E-03	2.06E-03	2.31E-03	-2.50E-04	
COURSE GRID	393500.0	3741000.0	5.24E-03	0	5.24E-03	2.38E-03	2.86E-03	2.09E-03	2.38E-03	-2.90E-04	

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION				REDUCED PROJECT - WITH MITIGATION								
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT			
COURSE GRID	377000.0	3741500.0	3.95E-03	0	3.95E-03	4.55E-03	0	1.85E-03	4.55E-03	1.85E-03	-6.03E-04	0	1.85E-03	4.55E-03	-2.70E-03
COURSE GRID	377500.0	3741500.0	4.09E-03	0	4.09E-03	4.73E-03	0	1.93E-03	4.73E-03	1.93E-03	-6.42E-04	0	1.93E-03	4.73E-03	-2.80E-03
COURSE GRID	378000.0	3741500.0	4.44E-03	0	4.44E-03	5.63E-03	0	2.19E-03	5.63E-03	2.19E-03	-1.19E-03	0	2.19E-03	5.63E-03	-3.44E-03
COURSE GRID	378500.0	3741500.0	4.84E-03	0	4.84E-03	6.77E-03	0	2.46E-03	6.77E-03	2.46E-03	-1.93E-03	0	2.46E-03	6.77E-03	-4.32E-03
COURSE GRID	379000.0	3741500.0	5.07E-03	0	5.07E-03	7.21E-03	0	2.60E-03	7.21E-03	2.60E-03	-2.14E-03	0	2.60E-03	7.21E-03	-4.61E-03
COURSE GRID	379500.0	3741500.0	5.32E-03	0	5.32E-03	7.70E-03	0	2.76E-03	7.70E-03	2.76E-03	-2.38E-03	0	2.76E-03	7.70E-03	-4.95E-03
COURSE GRID	380000.0	3741500.0	5.71E-03	0	5.71E-03	8.67E-03	0	3.02E-03	8.67E-03	3.02E-03	-2.96E-03	0	3.02E-03	8.67E-03	-5.65E-03
COURSE GRID	380500.0	3741500.0	5.75E-03	0	5.75E-03	8.82E-03	0	3.06E-03	8.82E-03	3.06E-03	-3.07E-03	0	3.06E-03	8.82E-03	-5.76E-03
COURSE GRID	381000.0	3741500.0	6.07E-03	0	6.07E-03	9.51E-03	0	3.27E-03	9.51E-03	3.27E-03	-3.44E-03	0	3.27E-03	9.51E-03	-6.24E-03
COURSE GRID	381500.0	3741500.0	6.28E-03	0	6.28E-03	1.00E-02	0	3.44E-03	1.00E-02	3.44E-03	-3.73E-03	0	3.44E-03	1.00E-02	-6.57E-03
COURSE GRID	382000.0	3741500.0	6.57E-03	0	6.57E-03	1.07E-02	0	3.65E-03	1.07E-02	3.65E-03	-4.15E-03	0	3.65E-03	1.07E-02	-7.07E-03
COURSE GRID	382500.0	3741500.0	6.94E-03	0	6.94E-03	1.15E-02	0	3.94E-03	1.15E-02	3.94E-03	-4.60E-03	0	3.94E-03	1.15E-02	-7.61E-03
COURSE GRID	383000.0	3741500.0	7.37E-03	0	7.37E-03	1.24E-02	0	4.25E-03	1.24E-02	4.25E-03	-5.05E-03	0	4.25E-03	1.24E-02	-8.18E-03
COURSE GRID	383500.0	3741500.0	7.89E-03	0	7.89E-03	1.34E-02	0	4.60E-03	1.34E-02	4.60E-03	-5.53E-03	0	4.60E-03	1.34E-02	-8.82E-03
COURSE GRID	384000.0	3741500.0	8.11E-03	0	8.11E-03	1.32E-02	0	4.70E-03	1.32E-02	4.70E-03	-5.09E-03	0	4.70E-03	1.32E-02	-8.50E-03
COURSE GRID	384500.0	3741500.0	8.15E-03	0	8.15E-03	1.28E-02	0	4.70E-03	1.28E-02	4.70E-03	-4.63E-03	0	4.70E-03	1.28E-02	-8.08E-03
COURSE GRID	385000.0	3741500.0	8.19E-03	0	8.19E-03	1.25E-02	0	4.68E-03	1.25E-02	4.68E-03	-4.27E-03	0	4.68E-03	1.25E-02	-7.78E-03
COURSE GRID	385500.0	3741500.0	8.29E-03	0	8.29E-03	1.20E-02	0	4.69E-03	1.20E-02	4.69E-03	-3.73E-03	0	4.69E-03	1.20E-02	-7.33E-03
COURSE GRID	386000.0	3741500.0	7.98E-03	0	7.98E-03	1.06E-02	0	4.39E-03	1.06E-02	4.39E-03	-2.64E-03	0	4.39E-03	1.06E-02	-6.23E-03
COURSE GRID	386500.0	3741500.0	7.56E-03	0	7.56E-03	8.97E-03	0	4.00E-03	8.97E-03	4.00E-03	-1.41E-03	0	4.00E-03	8.97E-03	-4.97E-03
COURSE GRID	387000.0	3741500.0	7.46E-03	0	7.46E-03	8.40E-03	0	3.83E-03	8.40E-03	3.83E-03	-9.42E-04	0	3.83E-03	8.40E-03	-4.57E-03
COURSE GRID	387500.0	3741500.0	7.22E-03	0	7.22E-03	7.34E-03	0	3.61E-03	7.34E-03	3.61E-03	-1.19E-04	0	3.61E-03	7.34E-03	-3.73E-03
COURSE GRID	388000.0	3741500.0	6.91E-03	0	6.91E-03	6.34E-03	0	3.30E-03	6.34E-03	3.30E-03	5.73E-04	0	3.30E-03	6.34E-03	-3.03E-03
COURSE GRID	388500.0	3741500.0	6.61E-03	0	6.61E-03	5.49E-03	0	3.08E-03	5.49E-03	3.08E-03	1.12E-03	0	3.08E-03	5.49E-03	-2.40E-03
COURSE GRID	389000.0	3741500.0	6.38E-03	0	6.38E-03	4.95E-03	0	2.93E-03	4.95E-03	2.93E-03	1.43E-03	0	2.93E-03	4.95E-03	-2.02E-03
COURSE GRID	389500.0	3741500.0	5.88E-03	0	5.88E-03	3.66E-03	0	2.55E-03	3.66E-03	2.55E-03	2.22E-03	0	2.55E-03	3.66E-03	-1.12E-03
COURSE GRID	390000.0	3741500.0	5.53E-03	0	5.53E-03	3.07E-03	0	2.29E-03	3.07E-03	2.29E-03	2.46E-03	0	2.29E-03	3.07E-03	-7.77E-04
COURSE GRID	390500.0	3741500.0	5.45E-03	0	5.45E-03	3.15E-03	0	2.30E-03	3.15E-03	2.30E-03	2.30E-03	0	2.30E-03	3.15E-03	-8.47E-04
COURSE GRID	391000.0	3741500.0	5.36E-03	0	5.36E-03	3.00E-03	0	2.25E-03	3.00E-03	2.25E-03	2.36E-03	0	2.25E-03	3.00E-03	-7.46E-04
COURSE GRID	391500.0	3741500.0	5.13E-03	0	5.13E-03	2.45E-03	0	2.08E-03	2.45E-03	2.08E-03	2.68E-03	0	2.08E-03	2.45E-03	-3.70E-04
COURSE GRID	392000.0	3741500.0	5.15E-03	0	5.15E-03	2.48E-03	0	2.10E-03	2.48E-03	2.10E-03	2.67E-03	0	2.10E-03	2.48E-03	-3.75E-04
COURSE GRID	392500.0	3741500.0	5.13E-03	0	5.13E-03	2.45E-03	0	2.08E-03	2.45E-03	2.08E-03	2.68E-03	0	2.08E-03	2.45E-03	-3.66E-04
COURSE GRID	393000.0	3741500.0	5.07E-03	0	5.07E-03	2.37E-03	0	2.04E-03	2.37E-03	2.04E-03	2.69E-03	0	2.04E-03	2.37E-03	-3.35E-04
COURSE GRID	393500.0	3741500.0	5.01E-03	0	5.01E-03	2.32E-03	0	1.99E-03	2.32E-03	1.99E-03	2.70E-03	0	1.99E-03	2.32E-03	-3.28E-04
COURSE GRID	377000.0	3742000.0	3.88E-03	0	3.88E-03	4.49E-03	0	1.84E-03	4.49E-03	1.84E-03	-6.08E-04	0	1.84E-03	4.49E-03	-2.65E-03
COURSE GRID	377500.0	3742000.0	4.17E-03	0	4.17E-03	5.15E-03	0	2.03E-03	5.15E-03	2.03E-03	-9.81E-04	0	2.03E-03	5.15E-03	-3.12E-03
COURSE GRID	378000.0	3742000.0	4.45E-03	0	4.45E-03	5.99E-03	0	2.24E-03	5.99E-03	2.24E-03	-1.54E-03	0	2.24E-03	5.99E-03	-3.75E-03
COURSE GRID	378500.0	3742000.0	4.62E-03	0	4.62E-03	6.39E-03	0	2.34E-03	6.39E-03	2.34E-03	-1.77E-03	0	2.34E-03	6.39E-03	-4.06E-03
COURSE GRID	379000.0	3742000.0	4.84E-03	0	4.84E-03	6.75E-03	0	2.48E-03	6.75E-03	2.48E-03	-1.91E-03	0	2.48E-03	6.75E-03	-4.27E-03
COURSE GRID	379500.0	3742000.0	5.12E-03	0	5.12E-03	7.39E-03	0	2.67E-03	7.39E-03	2.67E-03	-2.27E-03	0	2.67E-03	7.39E-03	-4.72E-03

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	380000.0	3742000.0	5.32E-03	0	5.32E-03	7.93E-03	-2.61E-03	2.80E-03	0	2.80E-03	7.93E-03	-5.12E-03
COURSE GRID	380500.0	3742000.0	5.53E-03	0	5.53E-03	8.41E-03	-2.88E-03	2.95E-03	0	2.95E-03	8.41E-03	-5.47E-03
COURSE GRID	381000.0	3742000.0	5.77E-03	0	5.77E-03	8.94E-03	-3.17E-03	3.12E-03	0	3.12E-03	8.94E-03	-5.82E-03
COURSE GRID	381500.0	3742000.0	6.00E-03	0	6.00E-03	9.56E-03	-3.56E-03	3.31E-03	0	3.31E-03	9.56E-03	-6.25E-03
COURSE GRID	382000.0	3742000.0	6.32E-03	0	6.32E-03	1.04E-02	-4.08E-03	3.55E-03	0	3.55E-03	1.04E-02	-6.85E-03
COURSE GRID	382500.0	3742000.0	6.59E-03	0	6.59E-03	1.08E-02	-4.19E-03	3.74E-03	0	3.74E-03	1.08E-02	-7.04E-03
COURSE GRID	383000.0	3742000.0	6.92E-03	0	6.92E-03	1.13E-02	-4.40E-03	3.96E-03	0	3.96E-03	1.13E-02	-7.35E-03
COURSE GRID	383500.0	3742000.0	7.26E-03	0	7.26E-03	1.20E-02	-4.71E-03	4.16E-03	0	4.16E-03	1.20E-02	-7.80E-03
COURSE GRID	384000.0	3742000.0	7.32E-03	0	7.32E-03	1.15E-02	-4.18E-03	4.15E-03	0	4.15E-03	1.15E-02	-7.34E-03
COURSE GRID	384500.0	3742000.0	7.31E-03	0	7.31E-03	1.09E-02	-3.59E-03	4.09E-03	0	4.09E-03	1.09E-02	-6.81E-03
COURSE GRID	385000.0	3742000.0	7.38E-03	0	7.38E-03	1.08E-02	-3.37E-03	4.08E-03	0	4.08E-03	1.08E-02	-6.68E-03
COURSE GRID	385500.0	3742000.0	7.31E-03	0	7.31E-03	1.02E-02	-2.84E-03	4.01E-03	0	4.01E-03	1.02E-02	-6.14E-03
COURSE GRID	386000.0	3742000.0	7.17E-03	0	7.17E-03	9.20E-03	-2.03E-03	3.84E-03	0	3.84E-03	9.20E-03	-5.36E-03
COURSE GRID	386500.0	3742000.0	6.79E-03	0	6.79E-03	7.78E-03	-9.94E-04	3.49E-03	0	3.49E-03	7.78E-03	-4.29E-03
COURSE GRID	387000.0	3742000.0	6.69E-03	0	6.69E-03	7.13E-03	-4.42E-04	3.34E-03	0	3.34E-03	7.13E-03	-3.79E-03
COURSE GRID	387500.0	3742000.0	6.54E-03	0	6.54E-03	6.33E-03	2.10E-04	3.18E-03	0	3.18E-03	6.33E-03	-3.16E-03
COURSE GRID	388000.0	3742000.0	6.36E-03	0	6.36E-03	5.69E-03	6.73E-04	2.98E-03	0	2.98E-03	5.69E-03	-2.71E-03
COURSE GRID	388500.0	3742000.0	6.22E-03	0	6.22E-03	5.18E-03	1.04E-03	2.87E-03	0	2.87E-03	5.18E-03	-2.31E-03
COURSE GRID	389000.0	3742000.0	5.99E-03	0	5.99E-03	4.70E-03	1.29E-03	2.71E-03	0	2.71E-03	4.70E-03	-1.98E-03
COURSE GRID	389500.0	3742000.0	5.71E-03	0	5.71E-03	3.89E-03	1.83E-03	2.51E-03	0	2.51E-03	3.89E-03	-1.38E-03
COURSE GRID	390000.0	3742000.0	5.20E-03	0	5.20E-03	2.82E-03	2.38E-03	2.14E-03	0	2.14E-03	2.82E-03	-6.75E-04
COURSE GRID	390500.0	3742000.0	4.90E-03	0	4.90E-03	2.45E-03	2.46E-03	1.97E-03	0	1.97E-03	2.45E-03	-4.78E-04
COURSE GRID	391000.0	3742000.0	5.01E-03	0	5.01E-03	2.77E-03	2.24E-03	2.08E-03	0	2.08E-03	2.77E-03	-6.89E-04
COURSE GRID	391500.0	3742000.0	5.04E-03	0	5.04E-03	2.71E-03	2.33E-03	2.09E-03	0	2.09E-03	2.71E-03	-6.21E-04
COURSE GRID	392000.0	3742000.0	4.90E-03	0	4.90E-03	2.29E-03	2.61E-03	1.97E-03	0	1.97E-03	2.29E-03	-3.19E-04
COURSE GRID	392500.0	3742000.0	4.92E-03	0	4.92E-03	2.31E-03	2.62E-03	1.99E-03	0	1.99E-03	2.31E-03	-3.20E-04
COURSE GRID	393000.0	3742000.0	4.91E-03	0	4.91E-03	2.34E-03	2.56E-03	1.98E-03	0	1.98E-03	2.34E-03	-3.63E-04
COURSE GRID	393500.0	3742000.0	4.85E-03	0	4.85E-03	2.31E-03	2.54E-03	1.95E-03	0	1.95E-03	2.31E-03	-3.62E-04

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	377000.0	3728500.0	1.80E-02	0	1.80E-02	9.76E-02	7.96E-02	8.39E-03	0	8.39E-03	9.76E-02	-8.92E-02
COURSE GRID	377500.0	3728500.0	1.85E-02	0	1.85E-02	8.14E-02	-6.30E-02	8.34E-03	0	8.34E-03	8.14E-02	-7.31E-02
COURSE GRID	378000.0	3728500.0	1.91E-02	0	1.91E-02	8.10E-02	-6.19E-02	8.51E-03	0	8.51E-03	8.10E-02	-7.25E-02
COURSE GRID	378500.0	3728500.0	2.02E-02	0	2.02E-02	8.10E-02	-6.08E-02	8.81E-03	0	8.81E-03	8.10E-02	-7.22E-02
COURSE GRID	379000.0	3728500.0	2.07E-02	0	2.07E-02	8.60E-02	-6.53E-02	9.28E-03	0	9.28E-03	8.60E-02	-7.67E-02
COURSE GRID	379500.0	3728500.0	2.24E-02	0	2.24E-02	8.63E-02	-6.40E-02	9.93E-03	0	9.93E-03	8.63E-02	-7.64E-02
COURSE GRID	380000.0	3728500.0	2.29E-02	0	2.29E-02	9.69E-02	-7.40E-02	1.02E-02	0	1.02E-02	9.69E-02	-8.67E-02
COURSE GRID	380500.0	3728500.0	2.26E-02	0	2.26E-02	9.30E-02	-7.04E-02	1.03E-02	0	1.03E-02	9.30E-02	-8.27E-02
COURSE GRID	381000.0	3728500.0	2.45E-02	0	2.45E-02	1.03E-01	-7.87E-02	1.12E-02	0	1.12E-02	1.03E-01	-9.21E-02
COURSE GRID	381500.0	3728500.0	2.39E-02	0	2.39E-02	1.02E-01	-7.86E-02	1.13E-02	0	1.13E-02	1.02E-01	-9.11E-02
COURSE GRID	382000.0	3728500.0	2.48E-02	0	2.48E-02	1.05E-01	-8.04E-02	1.17E-02	0	1.17E-02	1.05E-01	-9.35E-02
COURSE GRID	382500.0	3728500.0	2.51E-02	0	2.51E-02	9.94E-02	-7.43E-02	1.18E-02	0	1.18E-02	9.94E-02	-8.76E-02
COURSE GRID	383000.0	3728500.0	2.50E-02	0	2.50E-02	1.01E-01	-7.58E-02	1.21E-02	0	1.21E-02	1.01E-01	-8.87E-02
COURSE GRID	383500.0	3728500.0	2.76E-02	0	2.76E-02	1.22E-01	-9.45E-02	1.32E-02	0	1.32E-02	1.22E-01	-1.09E-01
COURSE GRID	384000.0	3728500.0	2.75E-02	0	2.75E-02	1.05E-01	-7.76E-02	1.31E-02	0	1.31E-02	1.05E-01	-9.20E-02
COURSE GRID	384500.0	3728500.0	2.92E-02	0	2.92E-02	1.08E-01	-7.91E-02	1.37E-02	0	1.37E-02	1.08E-01	-9.46E-02
COURSE GRID	385000.0	3728500.0	2.93E-02	0	2.93E-02	1.15E-01	-8.59E-02	1.43E-02	0	1.43E-02	1.15E-01	-1.01E-01
COURSE GRID	385500.0	3728500.0	2.84E-02	0	2.84E-02	1.21E-01	-9.24E-02	1.44E-02	0	1.44E-02	1.21E-01	-1.06E-01
COURSE GRID	386000.0	3728500.0	2.76E-02	0	2.76E-02	1.29E-01	-1.01E-01	1.40E-02	0	1.40E-02	1.29E-01	-1.15E-01
COURSE GRID	386500.0	3728500.0	2.76E-02	0	2.76E-02	1.38E-01	-1.10E-01	1.43E-02	0	1.43E-02	1.38E-01	-1.24E-01
COURSE GRID	387000.0	3728500.0	2.42E-02	0	2.42E-02	1.13E-01	-8.86E-02	1.22E-02	0	1.22E-02	1.13E-01	-1.01E-01
COURSE GRID	387500.0	3728500.0	2.44E-02	0	2.44E-02	1.17E-01	-9.28E-02	1.23E-02	0	1.23E-02	1.17E-01	-1.05E-01
COURSE GRID	388000.0	3728500.0	2.41E-02	0	2.41E-02	1.26E-01	-1.02E-01	1.15E-02	0	1.15E-02	1.26E-01	-1.15E-01
COURSE GRID	388500.0	3728500.0	2.36E-02	0	2.36E-02	1.41E-01	-1.17E-01	1.11E-02	0	1.11E-02	1.41E-01	-1.29E-01
COURSE GRID	389000.0	3728500.0	2.36E-02	0	2.36E-02	1.59E-01	-1.35E-01	1.12E-02	0	1.12E-02	1.59E-01	-1.48E-01
COURSE GRID	389500.0	3728500.0	2.09E-02	0	2.09E-02	1.17E-01	-9.58E-02	1.02E-02	0	1.02E-02	1.17E-01	-1.06E-01
COURSE GRID	390000.0	3728500.0	1.97E-02	0	1.97E-02	1.17E-01	-9.76E-02	9.82E-03	0	9.82E-03	1.17E-01	-1.07E-01
COURSE GRID	390500.0	3728500.0	2.00E-02	0	2.00E-02	1.21E-01	-1.01E-01	1.03E-02	0	1.03E-02	1.21E-01	-1.11E-01
COURSE GRID	391000.0	3728500.0	1.86E-02	0	1.86E-02	1.18E-01	-9.94E-02	9.51E-03	0	9.51E-03	1.18E-01	-1.08E-01
COURSE GRID	391500.0	3728500.0	1.74E-02	0	1.74E-02	1.08E-01	-9.03E-02	8.81E-03	0	8.81E-03	1.08E-01	-9.89E-02
COURSE GRID	392000.0	3728500.0	1.71E-02	0	1.71E-02	1.10E-01	-9.32E-02	8.65E-03	0	8.65E-03	1.10E-01	-1.02E-01
COURSE GRID	392500.0	3728500.0	1.65E-02	0	1.65E-02	1.09E-01	-9.25E-02	8.29E-03	0	8.29E-03	1.09E-01	-1.01E-01
COURSE GRID	393000.0	3728500.0	1.51E-02	0	1.51E-02	9.34E-02	-7.83E-02	7.51E-03	0	7.51E-03	9.34E-02	-8.59E-02
COURSE GRID	393500.0	3728500.0	1.45E-02	0	1.45E-02	9.07E-02	-7.62E-02	7.20E-03	0	7.20E-03	9.07E-02	-8.35E-02
COURSE GRID	377000.0	3729000.0	1.78E-02	0	1.78E-02	9.63E-02	-7.85E-02	8.32E-03	0	8.32E-03	9.63E-02	-8.80E-02
COURSE GRID	377500.0	3729000.0	1.80E-02	0	1.80E-02	9.96E-02	-8.16E-02	8.50E-03	0	8.50E-03	9.96E-02	-9.11E-02
COURSE GRID	378000.0	3729000.0	1.83E-02	0	1.83E-02	8.28E-02	-6.45E-02	8.46E-03	0	8.46E-03	8.28E-02	-7.43E-02
COURSE GRID	378500.0	3729000.0	1.96E-02	0	1.96E-02	8.12E-02	-6.16E-02	8.61E-03	0	8.61E-03	8.12E-02	-7.26E-02
COURSE GRID	379000.0	3729000.0	2.07E-02	0	2.07E-02	8.20E-02	-6.13E-02	8.97E-03	0	8.97E-03	8.20E-02	-7.30E-02
COURSE GRID	379500.0	3729000.0	2.20E-02	0	2.20E-02	8.87E-02	-6.67E-02	9.74E-03	0	9.74E-03	8.87E-02	-7.90E-02

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION				REDUCED PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE		
			IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE		
COURSE GRID	380000.0	3729000.0	2.43E-02	0	2.43E-02	9.67E-02	-7.24E-02	1.07E-02	0	1.07E-02	9.67E-02	-8.60E-02
COURSE GRID	380500.0	3729000.0	2.50E-02	0	2.50E-02	9.72E-02	-7.22E-02	1.11E-02	0	1.11E-02	9.72E-02	-8.61E-02
COURSE GRID	381000.0	3729000.0	2.55E-02	0	2.55E-02	1.08E-01	-8.20E-02	1.16E-02	0	1.16E-02	1.08E-01	-9.60E-02
COURSE GRID	381500.0	3729000.0	2.69E-02	0	2.69E-02	1.17E-01	-9.03E-02	1.23E-02	0	1.23E-02	1.17E-01	-1.06E-01
COURSE GRID	382000.0	3729000.0	2.64E-02	0	2.64E-02	1.10E-01	-8.33E-02	1.26E-02	0	1.26E-02	1.10E-01	-9.72E-02
COURSE GRID	382500.0	3729000.0	2.68E-02	0	2.68E-02	1.00E-01	-7.35E-02	1.23E-02	0	1.23E-02	1.00E-01	-8.79E-02
COURSE GRID	383000.0	3729000.0	2.66E-02	0	2.66E-02	1.03E-01	-7.67E-02	1.27E-02	0	1.27E-02	1.03E-01	-9.06E-02
COURSE GRID	383500.0	3729000.0	2.96E-02	0	2.96E-02	1.28E-01	-9.81E-02	1.39E-02	0	1.39E-02	1.28E-01	-1.14E-01
COURSE GRID	384000.0	3729000.0	3.02E-02	0	3.02E-02	1.11E-01	-8.09E-02	1.40E-02	0	1.40E-02	1.11E-01	-9.71E-02
COURSE GRID	384500.0	3729000.0	3.12E-02	0	3.12E-02	1.15E-01	-8.33E-02	1.46E-02	0	1.46E-02	1.15E-01	-9.99E-02
COURSE GRID	385000.0	3729000.0	2.94E-02	0	2.94E-02	1.18E-01	-8.86E-02	1.41E-02	0	1.41E-02	1.18E-01	-1.04E-01
COURSE GRID	385500.0	3729000.0	3.01E-02	0	3.01E-02	1.44E-01	-1.14E-01	1.51E-02	0	1.51E-02	1.44E-01	-1.29E-01
COURSE GRID	386000.0	3729000.0	2.89E-02	0	2.89E-02	1.44E-01	-1.15E-01	1.46E-02	0	1.46E-02	1.44E-01	-1.29E-01
COURSE GRID	386500.0	3729000.0	2.70E-02	0	2.70E-02	1.24E-01	-9.71E-02	1.39E-02	0	1.39E-02	1.24E-01	-1.10E-01
COURSE GRID	387000.0	3729000.0	2.64E-02	0	2.64E-02	1.17E-01	-9.02E-02	1.29E-02	0	1.29E-02	1.17E-01	-1.04E-01
COURSE GRID	387500.0	3729000.0	2.58E-02	0	2.58E-02	1.20E-01	-9.44E-02	1.22E-02	0	1.22E-02	1.20E-01	-1.08E-01
COURSE GRID	388000.0	3729000.0	2.52E-02	0	2.52E-02	1.47E-01	-1.22E-01	1.19E-02	0	1.19E-02	1.47E-01	-1.36E-01
COURSE GRID	388500.0	3729000.0	2.46E-02	0	2.46E-02	1.65E-01	-1.41E-01	1.19E-02	0	1.19E-02	1.65E-01	-1.53E-01
COURSE GRID	389000.0	3729000.0	2.11E-02	0	2.11E-02	1.20E-01	-9.90E-02	1.04E-02	0	1.04E-02	1.20E-01	-1.10E-01
COURSE GRID	389500.0	3729000.0	2.12E-02	0	2.12E-02	1.26E-01	-1.05E-01	1.05E-02	0	1.05E-02	1.26E-01	-1.15E-01
COURSE GRID	390000.0	3729000.0	2.04E-02	0	2.04E-02	1.19E-01	-9.88E-02	1.04E-02	0	1.04E-02	1.19E-01	-1.09E-01
COURSE GRID	390500.0	3729000.0	1.96E-02	0	1.96E-02	1.27E-01	-1.07E-01	1.00E-02	0	1.00E-02	1.27E-01	-1.16E-01
COURSE GRID	391000.0	3729000.0	1.92E-02	0	1.92E-02	1.23E-01	-1.04E-01	1.00E-02	0	1.00E-02	1.23E-01	-1.13E-01
COURSE GRID	391500.0	3729000.0	1.79E-02	0	1.79E-02	1.18E-01	-1.00E-01	8.89E-03	0	8.89E-03	1.18E-01	-1.09E-01
COURSE GRID	392000.0	3729000.0	1.72E-02	0	1.72E-02	1.08E-01	-9.12E-02	8.77E-03	0	8.77E-03	1.08E-01	-9.96E-02
COURSE GRID	392500.0	3729000.0	1.56E-02	0	1.56E-02	9.67E-02	-8.11E-02	7.70E-03	0	7.70E-03	9.67E-02	-8.90E-02
COURSE GRID	393000.0	3729000.0	1.49E-02	0	1.49E-02	9.45E-02	-7.96E-02	7.38E-03	0	7.38E-03	9.45E-02	-8.71E-02
COURSE GRID	393500.0	3729000.0	1.46E-02	0	1.46E-02	8.75E-02	-7.29E-02	7.36E-03	0	7.36E-03	8.75E-02	-8.01E-02
COURSE GRID	377000.0	3729500.0	1.73E-02	0	1.73E-02	8.02E-02	-6.29E-02	7.94E-03	0	7.94E-03	8.02E-02	-7.23E-02
COURSE GRID	377500.0	3729500.0	1.86E-02	0	1.86E-02	9.78E-02	-7.93E-02	8.66E-03	0	8.66E-03	9.78E-02	-8.91E-02
COURSE GRID	378000.0	3729500.0	1.89E-02	0	1.89E-02	1.02E-01	-8.34E-02	8.85E-03	0	8.85E-03	1.02E-01	-9.35E-02
COURSE GRID	378500.0	3729500.0	1.89E-02	0	1.89E-02	8.56E-02	-6.67E-02	8.75E-03	0	8.75E-03	8.56E-02	-7.69E-02
COURSE GRID	379000.0	3729500.0	1.96E-02	0	1.96E-02	8.36E-02	-6.40E-02	8.73E-03	0	8.73E-03	8.36E-02	-7.49E-02
COURSE GRID	379500.0	3729500.0	2.21E-02	0	2.21E-02	8.68E-02	-6.47E-02	9.71E-03	0	9.71E-03	8.68E-02	-7.71E-02
COURSE GRID	380000.0	3729500.0	2.37E-02	0	2.37E-02	9.06E-02	-6.70E-02	1.03E-02	0	1.03E-02	9.06E-02	-8.03E-02
COURSE GRID	380500.0	3729500.0	2.63E-02	0	2.63E-02	1.03E-01	-7.69E-02	1.14E-02	0	1.14E-02	1.03E-01	-9.18E-02
COURSE GRID	381000.0	3729500.0	2.76E-02	0	2.76E-02	1.01E-01	-7.29E-02	1.19E-02	0	1.19E-02	1.01E-01	-8.86E-02
COURSE GRID	381500.0	3729500.0	2.86E-02	0	2.86E-02	1.19E-01	-9.04E-02	1.27E-02	0	1.27E-02	1.19E-01	-1.06E-01
COURSE GRID	382000.0	3729500.0	2.94E-02	0	2.94E-02	1.18E-01	-8.87E-02	1.37E-02	0	1.37E-02	1.18E-01	-1.04E-01
COURSE GRID	382500.0	3729500.0	2.90E-02	0	2.90E-02	1.02E-01	-7.33E-02	1.32E-02	0	1.32E-02	1.02E-01	-8.91E-02

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION				REDUCED PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE		
			IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE		
COURSE GRID	383000.0	3729500.0	2.86E-02	0	2.86E-02	1.06E-01	-7.78E-02	1.33E-02	0	1.33E-02	1.06E-01	-9.31E-02
COURSE GRID	383500.0	3729500.0	3.22E-02	0	3.22E-02	1.34E-01	-1.02E-01	1.51E-02	0	1.51E-02	1.34E-01	-1.19E-01
COURSE GRID	384000.0	3729500.0	3.35E-02	0	3.35E-02	1.13E-01	-7.97E-02	1.53E-02	0	1.53E-02	1.13E-01	-9.79E-02
COURSE GRID	384500.0	3729500.0	3.36E-02	0	3.36E-02	1.22E-01	-8.79E-02	1.56E-02	0	1.56E-02	1.22E-01	-1.06E-01
COURSE GRID	385000.0	3729500.0	3.11E-02	0	3.11E-02	1.38E-01	-1.07E-01	1.50E-02	0	1.50E-02	1.38E-01	-1.23E-01
COURSE GRID	385500.0	3729500.0	3.18E-02	0	3.18E-02	1.55E-01	-1.23E-01	1.58E-02	0	1.58E-02	1.55E-01	-1.39E-01
COURSE GRID	386000.0	3729500.0	3.09E-02	0	3.09E-02	1.33E-01	-1.02E-01	1.56E-02	0	1.56E-02	1.33E-01	-1.17E-01
COURSE GRID	386500.0	3729500.0	2.90E-02	0	2.90E-02	1.21E-01	-9.16E-02	1.40E-02	0	1.40E-02	1.21E-01	-1.07E-01
COURSE GRID	387000.0	3729500.0	2.88E-02	0	2.88E-02	1.28E-01	-9.92E-02	1.37E-02	0	1.37E-02	1.28E-01	-1.14E-01
COURSE GRID	387500.0	3729500.0	2.64E-02	0	2.64E-02	1.49E-01	-1.23E-01	1.27E-02	0	1.27E-02	1.49E-01	-1.36E-01
COURSE GRID	388000.0	3729500.0	2.46E-02	0	2.46E-02	1.61E-01	-1.37E-01	1.20E-02	0	1.20E-02	1.61E-01	-1.49E-01
COURSE GRID	388500.0	3729500.0	2.32E-02	0	2.32E-02	1.32E-01	-1.08E-01	1.13E-02	0	1.13E-02	1.32E-01	-1.20E-01
COURSE GRID	389000.0	3729500.0	2.17E-02	0	2.17E-02	1.22E-01	-1.01E-01	1.07E-02	0	1.07E-02	1.22E-01	-1.12E-01
COURSE GRID	389500.0	3729500.0	2.06E-02	0	2.06E-02	1.20E-01	-9.95E-02	1.02E-02	0	1.02E-02	1.20E-01	-1.10E-01
COURSE GRID	390000.0	3729500.0	2.20E-02	0	2.20E-02	1.45E-01	-1.23E-01	1.13E-02	0	1.13E-02	1.45E-01	-1.34E-01
COURSE GRID	390500.0	3729500.0	2.01E-02	0	2.01E-02	1.26E-01	-1.06E-01	1.01E-02	0	1.01E-02	1.26E-01	-1.16E-01
COURSE GRID	391000.0	3729500.0	1.91E-02	0	1.91E-02	1.27E-01	-1.07E-01	9.79E-03	0	9.79E-03	1.27E-01	-1.17E-01
COURSE GRID	391500.0	3729500.0	1.76E-02	0	1.76E-02	1.09E-01	-9.09E-02	9.13E-03	0	9.13E-03	1.09E-01	-9.94E-02
COURSE GRID	392000.0	3729500.0	1.63E-02	0	1.63E-02	1.06E-01	-8.94E-02	8.09E-03	0	8.09E-03	1.06E-01	-9.76E-02
COURSE GRID	392500.0	3729500.0	1.57E-02	0	1.57E-02	9.75E-02	-8.18E-02	7.71E-03	0	7.71E-03	9.75E-02	-8.98E-02
COURSE GRID	393000.0	3729500.0	1.53E-02	0	1.53E-02	8.97E-02	-7.44E-02	7.70E-03	0	7.70E-03	8.97E-02	-8.20E-02
COURSE GRID	393500.0	3729500.0	1.46E-02	0	1.46E-02	8.50E-02	-7.04E-02	7.28E-03	0	7.28E-03	8.50E-02	-7.77E-02
COURSE GRID	377000.0	3730000.0	1.80E-02	0	1.80E-02	7.98E-02	-6.18E-02	8.19E-03	0	8.19E-03	7.98E-02	-7.16E-02
COURSE GRID	377500.0	3730000.0	1.88E-02	0	1.88E-02	8.39E-02	-6.51E-02	8.50E-03	0	8.50E-03	8.39E-02	-7.54E-02
COURSE GRID	378000.0	3730000.0	2.01E-02	0	2.01E-02	9.99E-02	-7.98E-02	9.20E-03	0	9.20E-03	9.99E-02	-9.07E-02
COURSE GRID	378500.0	3730000.0	2.04E-02	0	2.04E-02	1.08E-01	-8.71E-02	9.51E-03	0	9.51E-03	1.08E-01	-9.80E-02
COURSE GRID	379000.0	3730000.0	2.00E-02	0	2.00E-02	8.98E-02	-6.98E-02	9.27E-03	0	9.27E-03	8.98E-02	-8.05E-02
COURSE GRID	379500.0	3730000.0	2.04E-02	0	2.04E-02	8.57E-02	-6.53E-02	9.12E-03	0	9.12E-03	8.57E-02	-7.66E-02
COURSE GRID	380000.0	3730000.0	2.30E-02	0	2.30E-02	9.49E-02	-7.19E-02	1.04E-02	0	1.04E-02	9.49E-02	-8.45E-02
COURSE GRID	380500.0	3730000.0	2.57E-02	0	2.57E-02	1.01E-01	-7.49E-02	1.13E-02	0	1.13E-02	1.01E-01	-8.93E-02
COURSE GRID	381000.0	3730000.0	2.74E-02	0	2.74E-02	1.01E-01	-7.37E-02	1.19E-02	0	1.19E-02	1.01E-01	-8.91E-02
COURSE GRID	381500.0	3730000.0	3.18E-02	0	3.18E-02	1.13E-01	-8.13E-02	1.32E-02	0	1.32E-02	1.13E-01	-9.99E-02
COURSE GRID	382000.0	3730000.0	3.31E-02	0	3.31E-02	1.31E-01	-9.75E-02	1.47E-02	0	1.47E-02	1.31E-01	-1.16E-01
COURSE GRID	382500.0	3730000.0	3.12E-02	0	3.12E-02	1.09E-01	-7.80E-02	1.43E-02	0	1.43E-02	1.09E-01	-9.49E-02
COURSE GRID	383000.0	3730000.0	3.19E-02	0	3.19E-02	1.11E-01	-7.90E-02	1.47E-02	0	1.47E-02	1.11E-01	-9.62E-02
COURSE GRID	383500.0	3730000.0	3.42E-02	0	3.42E-02	1.40E-01	-1.05E-01	1.59E-02	0	1.59E-02	1.40E-01	-1.24E-01
COURSE GRID	384000.0	3730000.0	3.62E-02	0	3.62E-02	1.17E-01	-8.12E-02	1.62E-02	0	1.62E-02	1.17E-01	-1.01E-01
COURSE GRID	384500.0	3730000.0	3.37E-02	0	3.37E-02	1.24E-01	-9.05E-02	1.54E-02	0	1.54E-02	1.24E-01	-1.09E-01
COURSE GRID	385000.0	3730000.0	3.47E-02	0	3.47E-02	1.51E-01	-1.17E-01	1.64E-02	0	1.64E-02	1.51E-01	-1.35E-01
COURSE GRID	385500.0	3730000.0	3.27E-02	0	3.27E-02	1.33E-01	-1.00E-01	1.59E-02	0	1.59E-02	1.33E-01	-1.17E-01

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE
COURSE GRID	386000.0	3730000.0	3.39E-02	1.39E-01	3.39E-02	1.39E-01	1.63E-02	1.39E-01	1.63E-02	1.39E-01	-1.22E-01
COURSE GRID	386500.0	3730000.0	2.94E-02	1.24E-01	2.94E-02	1.24E-01	1.39E-02	1.24E-01	1.39E-02	1.24E-01	-1.10E-01
COURSE GRID	387000.0	3730000.0	2.78E-02	1.43E-01	2.78E-02	1.43E-01	1.34E-02	1.43E-01	1.34E-02	1.43E-01	-1.29E-01
COURSE GRID	387500.0	3730000.0	2.64E-02	1.58E-01	2.64E-02	1.58E-01	1.27E-02	1.58E-01	1.27E-02	1.58E-01	-1.45E-01
COURSE GRID	388000.0	3730000.0	2.45E-02	1.41E-01	2.45E-02	1.41E-01	1.18E-02	1.41E-01	1.18E-02	1.41E-01	-1.29E-01
COURSE GRID	388500.0	3730000.0	2.27E-02	1.21E-01	2.27E-02	1.21E-01	1.11E-02	1.21E-01	1.11E-02	1.21E-01	-1.10E-01
COURSE GRID	389000.0	3730000.0	2.24E-02	1.29E-01	2.24E-02	1.29E-01	1.10E-02	1.29E-01	1.10E-02	1.29E-01	-1.18E-01
COURSE GRID	389500.0	3730000.0	2.23E-02	1.46E-01	2.23E-02	1.46E-01	1.10E-02	1.46E-01	1.10E-02	1.46E-01	-1.35E-01
COURSE GRID	390000.0	3730000.0	2.17E-02	1.41E-01	2.17E-02	1.41E-01	1.11E-02	1.41E-01	1.11E-02	1.41E-01	-1.30E-01
COURSE GRID	390500.0	3730000.0	2.02E-02	1.30E-01	2.02E-02	1.30E-01	1.06E-02	1.30E-01	1.06E-02	1.30E-01	-1.20E-01
COURSE GRID	391000.0	3730000.0	1.86E-02	1.18E-01	1.86E-02	1.18E-01	9.35E-03	1.18E-01	9.35E-03	1.18E-01	-1.09E-01
COURSE GRID	391500.0	3730000.0	1.77E-02	1.15E-01	1.77E-02	1.15E-01	8.78E-03	1.15E-01	8.78E-03	1.15E-01	-1.06E-01
COURSE GRID	392000.0	3730000.0	1.65E-02	9.64E-02	1.65E-02	9.64E-02	7.96E-03	9.64E-02	7.96E-03	9.64E-02	-8.84E-02
COURSE GRID	392500.0	3730000.0	1.61E-02	9.22E-02	1.61E-02	9.22E-02	7.94E-03	9.22E-02	7.94E-03	9.22E-02	-8.43E-02
COURSE GRID	393000.0	3730000.0	1.59E-02	1.03E-01	1.59E-02	1.03E-01	7.78E-03	1.03E-01	7.78E-03	1.03E-01	-9.52E-02
COURSE GRID	393500.0	3730000.0	1.55E-02	1.10E-01	1.55E-02	1.10E-01	7.74E-03	1.10E-01	7.74E-03	1.10E-01	-1.02E-01
COURSE GRID	377000.0	3730500.0	1.84E-02	8.27E-02	1.84E-02	8.27E-02	8.35E-03	8.27E-02	8.35E-03	8.27E-02	-7.44E-02
COURSE GRID	377500.0	3730500.0	1.91E-02	8.47E-02	1.91E-02	8.47E-02	8.66E-03	8.47E-02	8.66E-03	8.47E-02	-7.60E-02
COURSE GRID	378000.0	3730500.0	1.99E-02	8.86E-02	1.99E-02	8.86E-02	9.05E-03	8.86E-02	9.05E-03	8.86E-02	-7.96E-02
COURSE GRID	378500.0	3730500.0	2.14E-02	1.03E-01	2.14E-02	1.03E-01	9.63E-03	1.03E-01	9.63E-03	1.03E-01	-9.29E-02
COURSE GRID	379000.0	3730500.0	2.26E-02	1.14E-01	2.26E-02	1.14E-01	1.03E-02	1.14E-01	1.03E-02	1.14E-01	-1.03E-01
COURSE GRID	379500.0	3730500.0	2.23E-02	9.36E-02	2.23E-02	9.36E-02	9.91E-03	9.36E-02	9.91E-03	9.36E-02	-8.37E-02
COURSE GRID	380000.0	3730500.0	2.25E-02	9.72E-02	2.25E-02	9.72E-02	1.02E-02	9.72E-02	1.02E-02	9.72E-02	-8.70E-02
COURSE GRID	380500.0	3730500.0	2.47E-02	1.03E-01	2.47E-02	1.03E-01	1.12E-02	1.03E-01	1.12E-02	1.03E-01	-9.22E-02
COURSE GRID	381000.0	3730500.0	2.72E-02	1.04E-01	2.72E-02	1.04E-01	1.20E-02	1.04E-01	1.20E-02	1.04E-01	-9.19E-02
COURSE GRID	381500.0	3730500.0	3.08E-02	1.14E-01	3.08E-02	1.14E-01	1.33E-02	1.14E-01	1.33E-02	1.14E-01	-1.00E-01
COURSE GRID	382000.0	3730500.0	3.82E-02	1.48E-01	3.82E-02	1.48E-01	1.59E-02	1.48E-01	1.59E-02	1.48E-01	-1.32E-01
COURSE GRID	382500.0	3730500.0	3.73E-02	1.22E-01	3.73E-02	1.22E-01	1.61E-02	1.22E-01	1.61E-02	1.22E-01	-1.06E-01
COURSE GRID	383000.0	3730500.0	3.48E-02	1.17E-01	3.48E-02	1.17E-01	1.58E-02	1.17E-01	1.58E-02	1.17E-01	-1.01E-01
COURSE GRID	383500.0	3730500.0	3.87E-02	1.43E-01	3.87E-02	1.43E-01	1.73E-02	1.43E-01	1.73E-02	1.43E-01	-1.25E-01
COURSE GRID	384000.0	3730500.0	3.73E-02	1.24E-01	3.73E-02	1.24E-01	1.67E-02	1.24E-01	1.67E-02	1.24E-01	-1.08E-01
COURSE GRID	384500.0	3730500.0	3.53E-02	1.48E-01	3.53E-02	1.48E-01	1.67E-02	1.48E-01	1.67E-02	1.48E-01	-1.31E-01
COURSE GRID	385000.0	3730500.0	3.62E-02	1.33E-01	3.62E-02	1.33E-01	1.67E-02	1.33E-01	1.67E-02	1.33E-01	-1.16E-01
COURSE GRID	385500.0	3730500.0	3.47E-02	1.40E-01	3.47E-02	1.40E-01	1.63E-02	1.40E-01	1.63E-02	1.40E-01	-1.23E-01
COURSE GRID	386000.0	3730500.0	3.35E-02	1.40E-01	3.35E-02	1.40E-01	1.64E-02	1.40E-01	1.64E-02	1.40E-01	-1.24E-01
COURSE GRID	386500.0	3730500.0	3.00E-02	1.33E-01	3.00E-02	1.33E-01	1.46E-02	1.33E-01	1.46E-02	1.33E-01	-1.18E-01
COURSE GRID	387000.0	3730500.0	2.87E-02	1.65E-01	2.87E-02	1.65E-01	1.37E-02	1.65E-01	1.37E-02	1.65E-01	-1.51E-01
COURSE GRID	387500.0	3730500.0	2.62E-02	1.56E-01	2.62E-02	1.56E-01	1.26E-02	1.56E-01	1.26E-02	1.56E-01	-1.44E-01
COURSE GRID	388000.0	3730500.0	2.39E-02	1.24E-01	2.39E-02	1.24E-01	1.15E-02	1.24E-01	1.15E-02	1.24E-01	-1.13E-01
COURSE GRID	388500.0	3730500.0	2.39E-02	1.37E-01	2.39E-02	1.37E-01	1.16E-02	1.37E-01	1.16E-02	1.37E-01	-1.25E-01

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	389000.0	3730500.0	2.29E-02	0	2.29E-02	1.38E-01	-1.15E-01	1.11E-02	0	1.11E-02	1.38E-01	-1.26E-01
COURSE GRID	389500.0	3730500.0	2.30E-02	0	2.30E-02	1.44E-01	-1.21E-01	1.16E-02	0	1.16E-02	1.44E-01	-1.32E-01
COURSE GRID	390000.0	3730500.0	2.11E-02	0	2.11E-02	1.31E-01	-1.10E-01	1.05E-02	0	1.05E-02	1.31E-01	-1.20E-01
COURSE GRID	390500.0	3730500.0	2.11E-02	0	2.11E-02	1.39E-01	-1.18E-01	1.09E-02	0	1.09E-02	1.39E-01	-1.28E-01
COURSE GRID	391000.0	3730500.0	1.87E-02	0	1.87E-02	1.17E-01	-9.87E-02	9.32E-03	0	9.32E-03	1.17E-01	-1.08E-01
COURSE GRID	391500.0	3730500.0	1.73E-02	0	1.73E-02	1.01E-01	-8.33E-02	8.44E-03	0	8.44E-03	1.01E-01	-9.22E-02
COURSE GRID	392000.0	3730500.0	1.70E-02	0	1.70E-02	1.11E-01	-9.36E-02	8.32E-03	0	8.32E-03	1.11E-01	-1.02E-01
COURSE GRID	392500.0	3730500.0	1.69E-02	0	1.69E-02	1.20E-01	-1.03E-01	8.31E-03	0	8.31E-03	1.20E-01	-1.11E-01
COURSE GRID	393000.0	3730500.0	1.61E-02	0	1.61E-02	1.10E-01	-9.38E-02	8.01E-03	0	8.01E-03	1.10E-01	-1.02E-01
COURSE GRID	393500.0	3730500.0	1.48E-02	0	1.48E-02	9.14E-02	-7.66E-02	7.41E-03	0	7.41E-03	9.14E-02	-8.40E-02
COURSE GRID	377000.0	3731000.0	1.87E-02	0	1.87E-02	8.46E-02	-6.59E-02	8.40E-03	0	8.40E-03	8.46E-02	-7.62E-02
COURSE GRID	377500.0	3731000.0	1.93E-02	0	1.93E-02	8.65E-02	-6.72E-02	8.72E-03	0	8.72E-03	8.65E-02	-7.78E-02
COURSE GRID	378000.0	3731000.0	2.02E-02	0	2.02E-02	8.93E-02	-6.92E-02	9.05E-03	0	9.05E-03	8.93E-02	-8.03E-02
COURSE GRID	378500.0	3731000.0	2.12E-02	0	2.12E-02	9.33E-02	-7.21E-02	9.49E-03	0	9.49E-03	9.33E-02	-8.38E-02
COURSE GRID	379000.0	3731000.0	2.29E-02	0	2.29E-02	1.06E-01	-8.28E-02	1.01E-02	0	1.01E-02	1.06E-01	-9.56E-02
COURSE GRID	379500.0	3731000.0	2.52E-02	0	2.52E-02	1.27E-01	-1.02E-01	1.13E-02	0	1.13E-02	1.27E-01	-1.15E-01
COURSE GRID	380000.0	3731000.0	2.06E-02	0	2.06E-02	9.10E-02	-7.04E-02	9.04E-03	0	9.04E-03	9.10E-02	-8.20E-02
COURSE GRID	380500.0	3731000.0	2.62E-02	0	2.62E-02	1.10E-01	-8.36E-02	1.17E-02	0	1.17E-02	1.10E-01	-9.82E-02
COURSE GRID	381000.0	3731000.0	2.92E-02	0	2.92E-02	1.18E-01	-8.87E-02	1.28E-02	0	1.28E-02	1.18E-01	-1.05E-01
COURSE GRID	381500.0	3731000.0	3.04E-02	0	3.04E-02	1.15E-01	-8.45E-02	1.34E-02	0	1.34E-02	1.15E-01	-1.02E-01
COURSE GRID	382000.0	3731000.0	3.74E-02	0	3.74E-02	1.44E-01	-1.06E-01	1.59E-02	0	1.59E-02	1.44E-01	-1.28E-01
COURSE GRID	382500.0	3731000.0	4.39E-02	0	4.39E-02	1.29E-01	-8.55E-02	1.75E-02	0	1.75E-02	1.29E-01	-1.12E-01
COURSE GRID	383000.0	3731000.0	3.88E-02	0	3.88E-02	1.30E-01	-9.13E-02	1.74E-02	0	1.74E-02	1.30E-01	-1.13E-01
COURSE GRID	383500.0	3731000.0	3.66E-02	0	3.66E-02	1.46E-01	-1.09E-01	1.69E-02	0	1.69E-02	1.46E-01	-1.29E-01
COURSE GRID	384000.0	3731000.0	4.16E-02	0	4.16E-02	1.58E-01	-1.17E-01	1.90E-02	0	1.90E-02	1.58E-01	-1.39E-01
COURSE GRID	384500.0	3731000.0	3.99E-02	0	3.99E-02	1.43E-01	-1.03E-01	1.83E-02	0	1.83E-02	1.43E-01	-1.29E-01
COURSE GRID	385000.0	3731000.0	3.82E-02	0	3.82E-02	1.38E-01	-1.00E-01	1.78E-02	0	1.78E-02	1.38E-01	-1.20E-01
COURSE GRID	385500.0	3731000.0	3.61E-02	0	3.61E-02	1.46E-01	-1.10E-01	1.75E-02	0	1.75E-02	1.46E-01	-1.29E-01
COURSE GRID	386000.0	3731000.0	3.20E-02	0	3.20E-02	1.35E-01	-1.03E-01	1.52E-02	0	1.52E-02	1.35E-01	-1.20E-01
COURSE GRID	386500.0	3731000.0	3.11E-02	0	3.11E-02	1.73E-01	-1.42E-01	1.48E-02	0	1.48E-02	1.73E-01	-1.58E-01
COURSE GRID	387000.0	3731000.0	2.96E-02	0	2.96E-02	1.80E-01	-1.51E-01	1.40E-02	0	1.40E-02	1.80E-01	-1.66E-01
COURSE GRID	387500.0	3731000.0	2.68E-02	0	2.68E-02	1.38E-01	-1.11E-01	1.27E-02	0	1.27E-02	1.38E-01	-1.25E-01
COURSE GRID	388000.0	3731000.0	2.48E-02	0	2.48E-02	1.32E-01	-1.08E-01	1.19E-02	0	1.19E-02	1.32E-01	-1.20E-01
COURSE GRID	388500.0	3731000.0	2.33E-02	0	2.33E-02	1.29E-01	-1.06E-01	1.11E-02	0	1.11E-02	1.29E-01	-1.18E-01
COURSE GRID	389000.0	3731000.0	2.28E-02	0	2.28E-02	1.38E-01	-1.16E-01	1.11E-02	0	1.11E-02	1.38E-01	-1.27E-01
COURSE GRID	389500.0	3731000.0	2.34E-02	0	2.34E-02	1.50E-01	-1.26E-01	1.21E-02	0	1.21E-02	1.50E-01	-1.37E-01
COURSE GRID	390000.0	3731000.0	2.25E-02	0	2.25E-02	1.54E-01	-1.31E-01	1.18E-02	0	1.18E-02	1.54E-01	-1.42E-01
COURSE GRID	390500.0	3731000.0	1.91E-02	0	1.91E-02	1.19E-01	-1.00E-01	9.48E-03	0	9.48E-03	1.19E-01	-1.10E-01
COURSE GRID	391000.0	3731000.0	1.85E-02	0	1.85E-02	1.25E-01	-1.07E-01	9.23E-03	0	9.23E-03	1.25E-01	-1.16E-01
COURSE GRID	391500.0	3731000.0	1.78E-02	0	1.78E-02	1.30E-01	-1.12E-01	8.75E-03	0	8.75E-03	1.30E-01	-1.21E-01

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	392000.0	3731000.0	1.74E-02	0	1.74E-02	1.22E-01	-1.04E-01	8.74E-03	0	8.74E-03	1.22E-01	-1.13E-01
COURSE GRID	392500.0	3731000.0	1.60E-02	0	1.60E-02	9.93E-02	-8.33E-02	8.03E-03	0	8.03E-03	9.93E-02	-9.13E-02
COURSE GRID	393000.0	3731000.0	1.52E-02	0	1.52E-02	9.30E-02	-7.78E-02	7.63E-03	0	7.63E-03	9.30E-02	-8.54E-02
COURSE GRID	393500.0	3731000.0	1.46E-02	0	1.46E-02	9.00E-02	-7.54E-02	7.30E-03	0	7.30E-03	9.00E-02	-8.27E-02
COURSE GRID	377000.0	3731500.0	1.90E-02	0	1.90E-02	8.55E-02	-6.65E-02	8.47E-03	0	8.47E-03	8.55E-02	-7.70E-02
COURSE GRID	377500.0	3731500.0	2.01E-02	0	2.01E-02	8.83E-02	-6.82E-02	8.96E-03	0	8.96E-03	8.83E-02	-7.93E-02
COURSE GRID	378000.0	3731500.0	2.12E-02	0	2.12E-02	9.56E-02	-7.44E-02	9.38E-03	0	9.38E-03	9.56E-02	-8.62E-02
COURSE GRID	378500.0	3731500.0	2.29E-02	0	2.29E-02	1.01E-01	-7.82E-02	1.01E-02	0	1.01E-02	1.01E-01	-9.10E-02
COURSE GRID	379000.0	3731500.0	1.91E-02	0	1.91E-02	8.83E-02	-6.92E-02	8.45E-03	0	8.45E-03	8.83E-02	-7.99E-02
COURSE GRID	379500.0	3731500.0	2.48E-02	0	2.48E-02	1.10E-01	-8.49E-02	1.09E-02	0	1.09E-02	1.10E-01	-9.88E-02
COURSE GRID	380000.0	3731500.0	2.58E-02	0	2.58E-02	1.30E-01	-1.04E-01	1.14E-02	0	1.14E-02	1.30E-01	-1.19E-01
COURSE GRID	380500.0	3731500.0	2.98E-02	0	2.98E-02	1.16E-01	-8.63E-02	1.24E-02	0	1.24E-02	1.16E-01	-1.04E-01
COURSE GRID	381000.0	3731500.0	3.21E-02	0	3.21E-02	1.14E-01	-8.15E-02	1.31E-02	0	1.31E-02	1.14E-01	-1.01E-01
COURSE GRID	381500.0	3731500.0	3.45E-02	0	3.45E-02	1.22E-01	-8.73E-02	1.41E-02	0	1.41E-02	1.22E-01	-1.08E-01
COURSE GRID	382000.0	3731500.0	4.04E-02	0	4.04E-02	1.46E-01	-1.06E-01	1.65E-02	0	1.65E-02	1.46E-01	-1.30E-01
COURSE GRID	382500.0	3731500.0	4.07E-02	0	4.07E-02	1.51E-01	-1.10E-01	1.71E-02	0	1.71E-02	1.51E-01	-1.34E-01
COURSE GRID	383000.0	3731500.0	4.09E-02	0	4.09E-02	1.40E-01	-9.95E-02	1.75E-02	0	1.75E-02	1.40E-01	-1.23E-01
COURSE GRID	384500.0	3731500.0	3.87E-02	0	3.87E-02	1.44E-01	-1.05E-01	1.71E-02	0	1.71E-02	1.44E-01	-1.27E-01
COURSE GRID	385000.0	3731500.0	3.85E-02	0	3.85E-02	1.48E-01	-1.09E-01	1.77E-02	0	1.77E-02	1.48E-01	-1.30E-01
COURSE GRID	385500.0	3731500.0	3.69E-02	0	3.69E-02	1.57E-01	-1.20E-01	1.80E-02	0	1.80E-02	1.57E-01	-1.39E-01
COURSE GRID	386000.0	3731500.0	3.33E-02	0	3.33E-02	1.70E-01	-1.37E-01	1.62E-02	0	1.62E-02	1.70E-01	-1.54E-01
COURSE GRID	386500.0	3731500.0	3.23E-02	0	3.23E-02	2.07E-01	-1.75E-01	1.53E-02	0	1.53E-02	2.07E-01	-1.92E-01
COURSE GRID	387000.0	3731500.0	2.73E-02	0	2.73E-02	1.32E-01	-1.05E-01	1.30E-02	0	1.30E-02	1.32E-01	-1.19E-01
COURSE GRID	387500.0	3731500.0	2.58E-02	0	2.58E-02	1.39E-01	-1.13E-01	1.25E-02	0	1.25E-02	1.39E-01	-1.26E-01
COURSE GRID	388000.0	3731500.0	2.40E-02	0	2.40E-02	1.29E-01	-1.05E-01	1.16E-02	0	1.16E-02	1.29E-01	-1.18E-01
COURSE GRID	388500.0	3731500.0	2.33E-02	0	2.33E-02	1.37E-01	-1.14E-01	1.13E-02	0	1.13E-02	1.37E-01	-1.26E-01
COURSE GRID	389000.0	3731500.0	2.36E-02	0	2.36E-02	1.52E-01	-1.28E-01	1.18E-02	0	1.18E-02	1.52E-01	-1.40E-01
COURSE GRID	389500.0	3731500.0	2.30E-02	0	2.30E-02	1.46E-01	-1.23E-01	1.17E-02	0	1.17E-02	1.46E-01	-1.34E-01
COURSE GRID	390000.0	3731500.0	2.27E-02	0	2.27E-02	1.57E-01	-1.34E-01	1.18E-02	0	1.18E-02	1.57E-01	-1.45E-01
COURSE GRID	390500.0	3731500.0	2.04E-02	0	2.04E-02	1.50E-01	-1.30E-01	1.03E-02	0	1.03E-02	1.50E-01	-1.40E-01
COURSE GRID	391000.0	3731500.0	1.91E-02	0	1.91E-02	1.31E-01	-1.12E-01	9.39E-03	0	9.39E-03	1.31E-01	-1.21E-01
COURSE GRID	391500.0	3731500.0	1.85E-02	0	1.85E-02	1.14E-01	-9.52E-02	9.24E-03	0	9.24E-03	1.14E-01	-1.04E-01
COURSE GRID	392000.0	3731500.0	1.73E-02	0	1.73E-02	1.06E-01	-8.86E-02	8.57E-03	0	8.57E-03	1.06E-01	-9.73E-02
COURSE GRID	392500.0	3731500.0	1.66E-02	0	1.66E-02	1.01E-01	-8.39E-02	8.19E-03	0	8.19E-03	1.01E-01	-9.23E-02
COURSE GRID	393000.0	3731500.0	1.58E-02	0	1.58E-02	9.43E-02	-7.85E-02	7.80E-03	0	7.80E-03	9.43E-02	-8.65E-02
COURSE GRID	393500.0	3731500.0	1.57E-02	0	1.57E-02	9.34E-02	-7.77E-02	7.98E-03	0	7.98E-03	9.34E-02	-8.54E-02
COURSE GRID	377000.0	3732000.0	2.01E-02	0	2.01E-02	1.01E-01	-8.05E-02	9.76E-03	0	9.76E-03	1.01E-01	-9.08E-02
COURSE GRID	377500.0	3732000.0	2.00E-02	0	2.00E-02	9.83E-02	-7.83E-02	9.43E-03	0	9.43E-03	9.83E-02	-8.89E-02
COURSE GRID	378000.0	3732000.0	1.76E-02	0	1.76E-02	8.87E-02	-7.11E-02	8.06E-03	0	8.06E-03	8.87E-02	-8.06E-02
COURSE GRID	378500.0	3732000.0	1.66E-02	0	1.66E-02	8.07E-02	-6.42E-02	7.58E-03	0	7.58E-03	8.07E-02	-7.31E-02

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	379000.0	3732000.0	1.85E-02	0	1.85E-02	8.84E-02	-6.99E-02	8.25E-03	0	8.25E-03	8.84E-02	-8.02E-02
COURSE GRID	379500.0	3732000.0	2.16E-02	0	2.16E-02	1.05E-01	-8.37E-02	9.78E-03	0	9.78E-03	1.05E-01	-9.55E-02
COURSE GRID	380000.0	3732000.0	2.37E-02	0	2.37E-02	1.15E-01	-9.13E-02	1.06E-02	0	1.06E-02	1.15E-01	-1.04E-01
COURSE GRID	380500.0	3732000.0	2.84E-02	0	2.84E-02	1.45E-01	-1.17E-01	1.22E-02	0	1.22E-02	1.45E-01	-1.33E-01
COURSE GRID	381000.0	3732000.0	3.05E-02	0	3.05E-02	1.27E-01	-9.69E-02	1.30E-02	0	1.30E-02	1.27E-01	-1.14E-01
COURSE GRID	381500.0	3732000.0	3.40E-02	0	3.40E-02	1.30E-01	-9.64E-02	1.39E-02	0	1.39E-02	1.30E-01	-1.16E-01
COURSE GRID	382000.0	3732000.0	3.74E-02	0	3.74E-02	1.46E-01	-1.09E-01	1.55E-02	0	1.55E-02	1.46E-01	-1.31E-01
COURSE GRID	382500.0	3732000.0	3.82E-02	0	3.82E-02	1.78E-01	-1.40E-01	1.66E-02	0	1.66E-02	1.78E-01	-1.62E-01
COURSE GRID	383000.0	3732000.0	4.36E-02	0	4.36E-02	1.56E-01	-1.12E-01	1.78E-02	0	1.78E-02	1.56E-01	-1.38E-01
COURSE GRID	383500.0	3732000.0	4.18E-02	0	4.18E-02	1.99E-01	-1.57E-01	1.89E-02	0	1.89E-02	1.99E-01	-1.80E-01
COURSE GRID	384000.0	3732000.0	4.10E-02	0	4.10E-02	1.47E-01	-1.06E-01	1.82E-02	0	1.82E-02	1.47E-01	-1.28E-01
COURSE GRID	384500.0	3732000.0	4.08E-02	0	4.08E-02	1.50E-01	-1.09E-01	1.79E-02	0	1.79E-02	1.50E-01	-1.32E-01
COURSE GRID	385000.0	3732000.0	3.82E-02	0	3.82E-02	1.47E-01	-1.08E-01	1.72E-02	0	1.72E-02	1.47E-01	-1.29E-01
COURSE GRID	385500.0	3732000.0	3.64E-02	0	3.64E-02	1.64E-01	-1.28E-01	1.69E-02	0	1.69E-02	1.64E-01	-1.47E-01
COURSE GRID	386000.0	3732000.0	3.40E-02	0	3.40E-02	2.05E-01	-1.71E-01	1.62E-02	0	1.62E-02	2.05E-01	-1.88E-01
COURSE GRID	386500.0	3732000.0	2.92E-02	0	2.92E-02	1.39E-01	-1.10E-01	1.41E-02	0	1.41E-02	1.39E-01	-1.25E-01
COURSE GRID	387000.0	3732000.0	2.72E-02	0	2.72E-02	1.47E-01	-1.20E-01	1.32E-02	0	1.32E-02	1.47E-01	-1.34E-01
COURSE GRID	387500.0	3732000.0	2.55E-02	0	2.55E-02	1.44E-01	-1.19E-01	1.25E-02	0	1.25E-02	1.44E-01	-1.32E-01
COURSE GRID	388000.0	3732000.0	2.43E-02	0	2.43E-02	1.44E-01	-1.20E-01	1.19E-02	0	1.19E-02	1.44E-01	-1.32E-01
COURSE GRID	388500.0	3732000.0	2.41E-02	0	2.41E-02	1.53E-01	-1.29E-01	1.20E-02	0	1.20E-02	1.53E-01	-1.41E-01
COURSE GRID	389000.0	3732000.0	2.49E-02	0	2.49E-02	1.63E-01	-1.38E-01	1.29E-02	0	1.29E-02	1.63E-01	-1.50E-01
COURSE GRID	389500.0	3732000.0	2.37E-02	0	2.37E-02	1.78E-01	-1.54E-01	1.21E-02	0	1.21E-02	1.78E-01	-1.66E-01
COURSE GRID	390000.0	3732000.0	2.12E-02	0	2.12E-02	1.51E-01	-1.29E-01	1.06E-02	0	1.06E-02	1.51E-01	-1.40E-01
COURSE GRID	390500.0	3732000.0	1.98E-02	0	1.98E-02	1.28E-01	-1.08E-01	9.89E-03	0	9.89E-03	1.28E-01	-1.18E-01
COURSE GRID	391000.0	3732000.0	1.89E-02	0	1.89E-02	1.20E-01	-1.01E-01	9.43E-03	0	9.43E-03	1.20E-01	-1.11E-01
COURSE GRID	391500.0	3732000.0	1.81E-02	0	1.81E-02	1.13E-01	-9.47E-02	8.98E-03	0	8.98E-03	1.13E-01	-1.04E-01
COURSE GRID	392000.0	3732000.0	1.72E-02	0	1.72E-02	1.04E-01	-8.72E-02	8.58E-03	0	8.58E-03	1.04E-01	-9.58E-02
COURSE GRID	392500.0	3732000.0	1.64E-02	0	1.64E-02	9.82E-02	-8.18E-02	8.08E-03	0	8.08E-03	9.82E-02	-9.01E-02
COURSE GRID	393000.0	3732000.0	1.66E-02	0	1.66E-02	9.88E-02	-8.22E-02	8.35E-03	0	8.35E-03	9.88E-02	-9.05E-02
COURSE GRID	393500.0	3732000.0	1.56E-02	0	1.56E-02	9.29E-02	-7.73E-02	7.75E-03	0	7.75E-03	9.29E-02	-8.52E-02
COURSE GRID	377000.0	3732500.0	1.63E-02	0	1.63E-02	8.54E-02	-6.91E-02	7.61E-03	0	7.61E-03	8.54E-02	-7.78E-02
COURSE GRID	377500.0	3732500.0	1.57E-02	0	1.57E-02	7.83E-02	-6.26E-02	7.24E-03	0	7.24E-03	7.83E-02	-7.11E-02
COURSE GRID	378000.0	3732500.0	1.63E-02	0	1.63E-02	7.73E-02	-6.10E-02	7.28E-03	0	7.28E-03	7.73E-02	-7.00E-02
COURSE GRID	378500.0	3732500.0	1.73E-02	0	1.73E-02	7.92E-02	-6.20E-02	7.47E-03	0	7.47E-03	7.92E-02	-7.17E-02
COURSE GRID	379000.0	3732500.0	2.01E-02	0	2.01E-02	9.31E-02	-7.30E-02	8.75E-03	0	8.75E-03	9.31E-02	-8.44E-02
COURSE GRID	379500.0	3732500.0	2.26E-02	0	2.26E-02	1.10E-01	-8.76E-02	1.00E-02	0	1.00E-02	1.10E-01	-1.00E-01
COURSE GRID	380000.0	3732500.0	2.65E-02	0	2.65E-02	1.34E-01	-1.07E-01	1.21E-02	0	1.21E-02	1.34E-01	-1.21E-01
COURSE GRID	380500.0	3732500.0	2.79E-02	0	2.79E-02	1.44E-01	-1.16E-01	1.25E-02	0	1.25E-02	1.44E-01	-1.31E-01
COURSE GRID	381000.0	3732500.0	3.06E-02	0	3.06E-02	1.65E-01	-1.34E-01	1.31E-02	0	1.31E-02	1.65E-01	-1.51E-01
COURSE GRID	381500.0	3732500.0	3.37E-02	0	3.37E-02	1.49E-01	-1.15E-01	1.40E-02	0	1.40E-02	1.49E-01	-1.35E-01

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	382000.0	3732500.0	3.32E-02	0	3.32E-02	1.58E-01	-1.24E-01	1.46E-02	0	1.46E-02	1.58E-01	-1.43E-01
COURSE GRID	382500.0	3732500.0	4.19E-02	0	4.19E-02	1.87E-01	-1.45E-01	1.73E-02	0	1.73E-02	1.87E-01	-1.70E-01
COURSE GRID	383000.0	3732500.0	4.08E-02	0	4.08E-02	2.02E-01	-1.62E-01	1.81E-02	0	1.81E-02	2.02E-01	-1.84E-01
COURSE GRID	383500.0	3732500.0	3.72E-02	0	3.72E-02	1.73E-01	-1.36E-01	1.71E-02	0	1.71E-02	1.73E-01	-1.56E-01
COURSE GRID	384000.0	3732500.0	3.80E-02	0	3.80E-02	1.60E-01	-1.22E-01	1.70E-02	0	1.70E-02	1.60E-01	-1.43E-01
COURSE GRID	384500.0	3732500.0	3.73E-02	0	3.73E-02	1.73E-01	-1.36E-01	1.72E-02	0	1.72E-02	1.73E-01	-1.56E-01
COURSE GRID	385000.0	3732500.0	3.59E-02	0	3.59E-02	1.62E-01	-1.26E-01	1.73E-02	0	1.73E-02	1.62E-01	-1.45E-01
COURSE GRID	385500.0	3732500.0	3.52E-02	0	3.52E-02	1.98E-01	-1.63E-01	1.66E-02	0	1.66E-02	1.98E-01	-1.82E-01
COURSE GRID	386000.0	3732500.0	3.22E-02	0	3.22E-02	1.52E-01	-1.20E-01	1.51E-02	0	1.51E-02	1.52E-01	-1.37E-01
COURSE GRID	386500.0	3732500.0	3.01E-02	0	3.01E-02	1.60E-01	-1.30E-01	1.44E-02	0	1.44E-02	1.60E-01	-1.46E-01
COURSE GRID	387000.0	3732500.0	2.78E-02	0	2.78E-02	1.56E-01	-1.28E-01	1.34E-02	0	1.34E-02	1.56E-01	-1.42E-01
COURSE GRID	387500.0	3732500.0	2.67E-02	0	2.67E-02	1.61E-01	-1.34E-01	1.28E-02	0	1.28E-02	1.61E-01	-1.48E-01
COURSE GRID	388000.0	3732500.0	2.51E-02	0	2.51E-02	1.48E-01	-1.23E-01	1.23E-02	0	1.23E-02	1.48E-01	-1.36E-01
COURSE GRID	388500.0	3732500.0	2.51E-02	0	2.51E-02	1.80E-01	-1.55E-01	1.24E-02	0	1.24E-02	1.80E-01	-1.68E-01
COURSE GRID	389000.0	3732500.0	2.47E-02	0	2.47E-02	1.73E-01	-1.48E-01	1.27E-02	0	1.27E-02	1.73E-01	-1.60E-01
COURSE GRID	389500.0	3732500.0	2.27E-02	0	2.27E-02	1.44E-01	-1.22E-01	1.21E-02	0	1.21E-02	1.44E-01	-1.32E-01
COURSE GRID	390000.0	3732500.0	2.08E-02	0	2.08E-02	1.41E-01	-1.20E-01	1.06E-02	0	1.06E-02	1.41E-01	-1.30E-01
COURSE GRID	390500.0	3732500.0	1.95E-02	0	1.95E-02	1.31E-01	-1.12E-01	9.69E-03	0	9.69E-03	1.31E-01	-1.21E-01
COURSE GRID	391000.0	3732500.0	1.84E-02	0	1.84E-02	1.20E-01	-1.01E-01	9.28E-03	0	9.28E-03	1.20E-01	-1.11E-01
COURSE GRID	391500.0	3732500.0	1.75E-02	0	1.75E-02	1.14E-01	-9.62E-02	8.96E-03	0	8.96E-03	1.14E-01	-1.05E-01
COURSE GRID	392000.0	3732500.0	1.68E-02	0	1.68E-02	1.09E-01	-9.21E-02	8.41E-03	0	8.41E-03	1.09E-01	-1.00E-01
COURSE GRID	392500.0	3732500.0	1.67E-02	0	1.67E-02	1.09E-01	-9.19E-02	8.60E-03	0	8.60E-03	1.09E-01	-1.00E-01
COURSE GRID	393000.0	3732500.0	1.58E-02	0	1.58E-02	9.95E-02	-8.37E-02	8.04E-03	0	8.04E-03	9.95E-02	-9.15E-02
COURSE GRID	393500.0	3732500.0	1.55E-02	0	1.55E-02	9.52E-02	-7.97E-02	7.92E-03	0	7.92E-03	9.52E-02	-8.73E-02
COURSE GRID	377000.0	3733000.0	1.47E-02	0	1.47E-02	6.91E-02	-5.44E-02	6.51E-03	0	6.51E-03	6.91E-02	-6.26E-02
COURSE GRID	377500.0	3733000.0	1.50E-02	0	1.50E-02	6.85E-02	-5.35E-02	6.55E-03	0	6.55E-03	6.85E-02	-6.20E-02
COURSE GRID	378000.0	3733000.0	1.58E-02	0	1.55E-02	7.20E-02	-5.65E-02	6.85E-03	0	6.85E-03	7.20E-02	-6.51E-02
COURSE GRID	378500.0	3733000.0	1.78E-02	0	1.78E-02	8.79E-02	-7.01E-02	8.00E-03	0	8.00E-03	8.79E-02	-7.99E-02
COURSE GRID	379000.0	3733000.0	1.98E-02	0	1.98E-02	1.06E-01	-8.60E-02	9.49E-03	0	9.49E-03	1.06E-01	-9.63E-02
COURSE GRID	379500.0	3733000.0	2.35E-02	0	2.35E-02	1.24E-01	-1.01E-01	1.08E-02	0	1.08E-02	1.24E-01	-1.13E-01
COURSE GRID	380000.0	3733000.0	2.65E-02	0	2.65E-02	1.39E-01	-1.13E-01	1.18E-02	0	1.18E-02	1.39E-01	-1.27E-01
COURSE GRID	380500.0	3733000.0	2.94E-02	0	2.94E-02	1.54E-01	-1.25E-01	1.29E-02	0	1.29E-02	1.54E-01	-1.41E-01
COURSE GRID	381000.0	3733000.0	3.01E-02	0	3.01E-02	1.75E-01	-1.44E-01	1.32E-02	0	1.32E-02	1.75E-01	-1.61E-01
COURSE GRID	381500.0	3733000.0	3.26E-02	0	3.26E-02	2.03E-01	-1.70E-01	1.45E-02	0	1.45E-02	2.03E-01	-1.88E-01
COURSE GRID	382000.0	3733000.0	3.82E-02	0	3.82E-02	2.00E-01	-1.61E-01	1.60E-02	0	1.60E-02	2.00E-01	-1.83E-01
COURSE GRID	382500.0	3733000.0	3.77E-02	0	3.77E-02	2.15E-01	-1.77E-01	1.67E-02	0	1.67E-02	2.15E-01	-1.98E-01
COURSE GRID	383000.0	3733000.0	3.64E-02	0	3.64E-02	1.94E-01	-1.57E-01	1.64E-02	0	1.64E-02	1.94E-01	-1.77E-01
COURSE GRID	383500.0	3733000.0	3.80E-02	0	3.80E-02	1.97E-01	-1.59E-01	1.73E-02	0	1.73E-02	1.97E-01	-1.80E-01
COURSE GRID	384000.0	3733000.0	3.68E-02	0	3.68E-02	1.75E-01	-1.38E-01	1.66E-02	0	1.66E-02	1.75E-01	-1.58E-01
COURSE GRID	384500.0	3733000.0	3.35E-02	0	3.35E-02	1.66E-01	-1.32E-01	1.56E-02	0	1.56E-02	1.66E-01	-1.50E-01

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	385000.0	3733000.0	3.51E-02	0	3.51E-02	2.05E-01	-1.70E-01	1.71E-02	0	1.71E-02	2.05E-01	-1.88E-01
COURSE GRID	385500.0	3733000.0	3.15E-02	0	3.15E-02	1.69E-01	-1.37E-01	1.50E-02	0	1.50E-02	1.69E-01	-1.54E-01
COURSE GRID	386000.0	3733000.0	3.02E-02	0	3.02E-02	1.66E-01	-1.36E-01	1.47E-02	0	1.47E-02	1.66E-01	-1.52E-01
COURSE GRID	386500.0	3733000.0	2.87E-02	0	2.87E-02	1.62E-01	-1.33E-01	1.43E-02	0	1.43E-02	1.62E-01	-1.47E-01
COURSE GRID	387000.0	3733000.0	2.69E-02	0	2.69E-02	1.57E-01	-1.30E-01	1.32E-02	0	1.32E-02	1.57E-01	-1.44E-01
COURSE GRID	387500.0	3733000.0	2.69E-02	0	2.69E-02	1.85E-01	-1.58E-01	1.32E-02	0	1.32E-02	1.85E-01	-1.72E-01
COURSE GRID	388000.0	3733000.0	2.51E-02	0	2.51E-02	1.66E-01	-1.41E-01	1.22E-02	0	1.22E-02	1.66E-01	-1.54E-01
COURSE GRID	388500.0	3733000.0	2.45E-02	0	2.45E-02	1.58E-01	-1.34E-01	1.25E-02	0	1.25E-02	1.58E-01	-1.46E-01
COURSE GRID	389000.0	3733000.0	2.28E-02	0	2.28E-02	1.45E-01	-1.22E-01	1.15E-02	0	1.15E-02	1.45E-01	-1.34E-01
COURSE GRID	389500.0	3733000.0	2.24E-02	0	2.24E-02	1.52E-01	-1.30E-01	1.14E-02	0	1.14E-02	1.52E-01	-1.41E-01
COURSE GRID	390000.0	3733000.0	2.12E-02	0	2.12E-02	1.42E-01	-1.21E-01	1.06E-02	0	1.06E-02	1.42E-01	-1.32E-01
COURSE GRID	390500.0	3733000.0	2.03E-02	0	2.03E-02	1.40E-01	-1.20E-01	1.01E-02	0	1.01E-02	1.40E-01	-1.30E-01
COURSE GRID	391000.0	3733000.0	1.86E-02	0	1.86E-02	1.24E-01	-1.05E-01	9.31E-03	0	9.31E-03	1.24E-01	-1.15E-01
COURSE GRID	391500.0	3733000.0	1.76E-02	0	1.76E-02	1.14E-01	-9.60E-02	8.82E-03	0	8.82E-03	1.14E-01	-1.05E-01
COURSE GRID	392000.0	3733000.0	1.77E-02	0	1.77E-02	1.16E-01	-9.78E-02	9.10E-03	0	9.10E-03	1.16E-01	-1.06E-01
COURSE GRID	392500.0	3733000.0	1.66E-02	0	1.66E-02	1.09E-01	-9.21E-02	8.58E-03	0	8.58E-03	1.09E-01	-1.00E-01
COURSE GRID	393000.0	3733000.0	1.56E-02	0	1.56E-02	9.95E-02	-8.40E-02	7.91E-03	0	7.91E-03	9.95E-02	-9.16E-02
COURSE GRID	393500.0	3733000.0	1.45E-02	0	1.45E-02	9.01E-02	-7.56E-02	7.28E-03	0	7.28E-03	9.01E-02	-8.28E-02
COURSE GRID	377000.0	3733500.0	1.20E-02	0	1.20E-02	6.03E-02	-4.83E-02	5.42E-03	0	5.42E-03	6.03E-02	-5.49E-02
COURSE GRID	377500.0	3733500.0	1.25E-02	0	1.25E-02	6.28E-02	-5.04E-02	5.61E-03	0	5.61E-03	6.28E-02	-5.72E-02
COURSE GRID	378000.0	3733500.0	1.51E-02	0	1.51E-02	7.86E-02	-6.35E-02	7.10E-03	0	7.10E-03	7.86E-02	-7.15E-02
COURSE GRID	378500.0	3733500.0	1.74E-02	0	1.74E-02	8.89E-02	-7.15E-02	8.03E-03	0	8.03E-03	8.89E-02	-8.09E-02
COURSE GRID	379000.0	3733500.0	2.25E-02	0	2.25E-02	1.14E-01	-9.11E-02	1.02E-02	0	1.02E-02	1.14E-01	-1.03E-01
COURSE GRID	379500.0	3733500.0	2.58E-02	0	2.58E-02	1.39E-01	-1.13E-01	1.22E-02	0	1.22E-02	1.39E-01	-1.27E-01
COURSE GRID	380000.0	3733500.0	2.49E-02	0	2.49E-02	1.42E-01	-1.17E-01	1.16E-02	0	1.16E-02	1.42E-01	-1.30E-01
COURSE GRID	380500.0	3733500.0	2.71E-02	0	2.71E-02	1.65E-01	-1.38E-01	1.26E-02	0	1.26E-02	1.65E-01	-1.52E-01
COURSE GRID	381000.0	3733500.0	3.26E-02	0	3.26E-02	2.04E-01	-1.72E-01	1.48E-02	0	1.48E-02	2.04E-01	-1.89E-01
COURSE GRID	381500.0	3733500.0	4.05E-02	0	4.05E-02	2.77E-01	-2.37E-01	1.77E-02	0	1.77E-02	2.77E-01	-2.59E-01
COURSE GRID	382500.0	3733500.0	4.17E-02	0	4.17E-02	2.98E-01	-2.56E-01	1.91E-02	0	1.91E-02	2.98E-01	-2.79E-01
COURSE GRID	383000.0	3733500.0	3.53E-02	0	3.53E-02	2.23E-01	-1.88E-01	1.62E-02	0	1.62E-02	2.23E-01	-2.07E-01
COURSE GRID	383500.0	3733500.0	3.46E-02	0	3.46E-02	1.93E-01	-1.58E-01	1.61E-02	0	1.61E-02	1.93E-01	-1.77E-01
COURSE GRID	384000.0	3733500.0	3.37E-02	0	3.37E-02	1.92E-01	-1.58E-01	1.58E-02	0	1.58E-02	1.92E-01	-1.76E-01
COURSE GRID	384500.0	3733500.0	3.42E-02	0	3.42E-02	1.79E-01	-1.45E-01	1.56E-02	0	1.56E-02	1.79E-01	-1.63E-01
COURSE GRID	385000.0	3733500.0	3.45E-02	0	3.45E-02	2.08E-01	-1.73E-01	1.63E-02	0	1.63E-02	2.08E-01	-1.91E-01
COURSE GRID	385500.0	3733500.0	3.03E-02	0	3.03E-02	1.65E-01	-1.35E-01	1.47E-02	0	1.47E-02	1.65E-01	-1.50E-01
COURSE GRID	386000.0	3733500.0	2.99E-02	0	2.99E-02	1.76E-01	-1.46E-01	1.46E-02	0	1.46E-02	1.76E-01	-1.61E-01
COURSE GRID	386500.0	3733500.0	2.82E-02	0	2.82E-02	1.95E-01	-1.67E-01	1.41E-02	0	1.41E-02	1.95E-01	-1.81E-01
COURSE GRID	387000.0	3733500.0	2.75E-02	0	2.75E-02	1.74E-01	-1.47E-01	1.40E-02	0	1.40E-02	1.74E-01	-1.60E-01
COURSE GRID	387500.0	3733500.0	2.50E-02	0	2.50E-02	1.53E-01	-1.28E-01	1.26E-02	0	1.26E-02	1.53E-01	-1.40E-01
COURSE GRID	388000.0	3733500.0	2.44E-02	0	2.44E-02	1.56E-01	-1.32E-01	1.22E-02	0	1.22E-02	1.56E-01	-1.44E-01

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	388500.0	3733500.0	2.54E-02	1.68E-01	2.54E-02	1.68E-01	-1.42E-01	1.35E-02	0	1.35E-02	1.68E-01	-1.54E-01
COURSE GRID	389000.0	3733500.0	2.44E-02	1.70E-01	2.44E-02	1.70E-01	-1.46E-01	1.28E-02	0	1.28E-02	1.70E-01	-1.57E-01
COURSE GRID	389500.0	3733500.0	2.23E-02	1.52E-01	2.23E-02	1.52E-01	-1.30E-01	1.13E-02	0	1.13E-02	1.52E-01	-1.41E-01
COURSE GRID	390000.0	3733500.0	2.11E-02	1.47E-01	2.11E-02	1.47E-01	-1.26E-01	1.07E-02	0	1.07E-02	1.47E-01	-1.37E-01
COURSE GRID	390500.0	3733500.0	1.95E-02	1.38E-01	1.95E-02	1.38E-01	-1.18E-01	9.81E-03	0	9.81E-03	1.38E-01	-1.28E-01
COURSE GRID	391000.0	3733500.0	1.86E-02	1.24E-01	1.86E-02	1.24E-01	-1.05E-01	9.43E-03	0	9.43E-03	1.24E-01	-1.14E-01
COURSE GRID	391500.0	3733500.0	1.83E-02	1.16E-01	1.83E-02	1.16E-01	-9.75E-02	9.41E-03	0	9.41E-03	1.16E-01	-1.06E-01
COURSE GRID	392000.0	3733500.0	1.69E-02	1.03E-01	1.69E-02	1.03E-01	-8.60E-02	8.46E-03	0	8.46E-03	1.03E-01	-9.44E-02
COURSE GRID	392500.0	3733500.0	1.58E-02	9.35E-02	1.58E-02	9.35E-02	-7.77E-02	7.89E-03	0	7.89E-03	9.35E-02	-8.56E-02
COURSE GRID	393000.0	3733500.0	1.52E-02	8.98E-02	1.52E-02	8.98E-02	-7.46E-02	7.60E-03	0	7.60E-03	8.98E-02	-8.22E-02
COURSE GRID	393500.0	3733500.0	1.46E-02	8.64E-02	1.46E-02	8.64E-02	-7.18E-02	7.32E-03	0	7.32E-03	8.64E-02	-7.91E-02
COURSE GRID	377000.0	3734000.0	1.19E-02	5.99E-02	1.19E-02	5.99E-02	-4.80E-02	5.55E-03	0	5.55E-03	5.99E-02	-5.44E-02
COURSE GRID	377500.0	3734000.0	1.34E-02	6.25E-02	1.34E-02	6.25E-02	-4.91E-02	5.92E-03	0	5.92E-03	6.25E-02	-5.66E-02
COURSE GRID	378000.0	3734000.0	1.55E-02	7.48E-02	1.55E-02	7.48E-02	-5.93E-02	6.87E-03	0	6.87E-03	7.48E-02	-6.79E-02
COURSE GRID	378500.0	3734000.0	1.77E-02	9.17E-02	1.77E-02	9.17E-02	-7.40E-02	8.24E-03	0	8.24E-03	9.17E-02	-8.35E-02
COURSE GRID	379000.0	3734000.0	2.00E-02	1.12E-01	2.00E-02	1.12E-01	-9.18E-02	9.37E-03	0	9.37E-03	1.12E-01	-1.02E-01
COURSE GRID	379500.0	3734000.0	2.22E-02	1.29E-01	2.22E-02	1.29E-01	-1.07E-01	1.07E-02	0	1.07E-02	1.29E-01	-1.19E-01
COURSE GRID	380000.0	3734000.0	2.47E-02	1.44E-01	2.47E-02	1.44E-01	-1.20E-01	1.20E-02	0	1.20E-02	1.44E-01	-1.32E-01
COURSE GRID	380500.0	3734000.0	2.85E-02	1.66E-01	2.85E-02	1.66E-01	-1.38E-01	1.34E-02	0	1.34E-02	1.66E-01	-1.53E-01
COURSE GRID	381000.0	3734000.0	3.04E-02	1.86E-01	3.04E-02	1.86E-01	-1.55E-01	1.36E-02	0	1.36E-02	1.86E-01	-1.72E-01
COURSE GRID	381500.0	3734000.0	3.45E-02	2.48E-01	3.45E-02	2.48E-01	-2.14E-01	1.58E-02	0	1.58E-02	2.48E-01	-2.32E-01
COURSE GRID	382000.0	3734000.0	5.15E-02	4.49E-01	5.15E-02	4.49E-01	-3.97E-01	2.37E-02	0	2.37E-02	4.49E-01	-4.25E-01
COURSE GRID	382500.0	3734000.0	3.74E-02	2.82E-01	3.74E-02	2.82E-01	-2.44E-01	1.73E-02	0	1.73E-02	2.82E-01	-2.64E-01
COURSE GRID	383000.0	3734000.0	3.29E-02	2.16E-01	3.29E-02	2.16E-01	-1.83E-01	1.58E-02	0	1.58E-02	2.16E-01	-2.00E-01
COURSE GRID	383500.0	3734000.0	3.19E-02	2.02E-01	3.19E-02	2.02E-01	-1.70E-01	1.51E-02	0	1.51E-02	2.02E-01	-1.87E-01
COURSE GRID	384000.0	3734000.0	3.20E-02	2.14E-01	3.20E-02	2.14E-01	-1.82E-01	1.55E-02	0	1.55E-02	2.14E-01	-1.99E-01
COURSE GRID	384500.0	3734000.0	3.59E-02	2.62E-01	3.59E-02	2.62E-01	-2.26E-01	1.78E-02	0	1.78E-02	2.62E-01	-2.44E-01
COURSE GRID	385000.0	3734000.0	3.27E-02	1.79E-01	3.27E-02	1.79E-01	-1.46E-01	1.53E-02	0	1.53E-02	1.79E-01	-1.64E-01
COURSE GRID	385500.0	3734000.0	2.98E-02	1.98E-01	2.98E-02	1.98E-01	-1.68E-01	1.49E-02	0	1.49E-02	1.98E-01	-1.83E-01
COURSE GRID	386000.0	3734000.0	2.82E-02	1.75E-01	2.82E-02	1.75E-01	-1.47E-01	1.43E-02	0	1.43E-02	1.75E-01	-1.61E-01
COURSE GRID	386500.0	3734000.0	2.85E-02	1.74E-01	2.85E-02	1.74E-01	-1.45E-01	1.45E-02	0	1.45E-02	1.74E-01	-1.59E-01
COURSE GRID	387000.0	3734000.0	2.66E-02	1.72E-01	2.66E-02	1.72E-01	-1.46E-01	1.37E-02	0	1.37E-02	1.72E-01	-1.59E-01
COURSE GRID	387500.0	3734000.0	2.56E-02	1.70E-01	2.56E-02	1.70E-01	-1.44E-01	1.33E-02	0	1.33E-02	1.70E-01	-1.56E-01
COURSE GRID	388000.0	3734000.0	2.53E-02	1.73E-01	2.53E-02	1.73E-01	-1.48E-01	1.30E-02	0	1.30E-02	1.73E-01	-1.60E-01
COURSE GRID	388500.0	3734000.0	2.44E-02	1.73E-01	2.44E-02	1.73E-01	-1.48E-01	1.27E-02	0	1.27E-02	1.73E-01	-1.60E-01
COURSE GRID	389000.0	3734000.0	2.39E-02	1.67E-01	2.39E-02	1.67E-01	-1.43E-01	1.27E-02	0	1.27E-02	1.67E-01	-1.54E-01
COURSE GRID	389500.0	3734000.0	2.21E-02	1.47E-01	2.21E-02	1.47E-01	-1.25E-01	1.12E-02	0	1.12E-02	1.47E-01	-1.36E-01
COURSE GRID	390000.0	3734000.0	2.09E-02	1.41E-01	2.09E-02	1.41E-01	-1.20E-01	1.08E-02	0	1.08E-02	1.41E-01	-1.30E-01
COURSE GRID	390500.0	3734000.0	2.00E-02	1.34E-01	2.00E-02	1.34E-01	-1.14E-01	1.02E-02	0	1.02E-02	1.34E-01	-1.23E-01
COURSE GRID	391000.0	3734000.0	1.88E-02	1.20E-01	1.88E-02	1.20E-01	-1.01E-01	9.53E-03	0	9.53E-03	1.20E-01	-1.11E-01

ACUTE NON-CANCER RISK

RECEPTOR NAME	REDUCED PROJECT - NO MITIGATION					REDUCED PROJECT - WITH MITIGATION						
	UTME (m)	UTMN (m)	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	391500.0	3734000.0	1.77E-02	0	1.77E-02	1.12E-01	-9.41E-02	8.99E-03	0	8.99E-03	1.12E-01	-1.03E-01
COURSE GRID	392000.0	3734000.0	1.65E-02	0	1.65E-02	1.03E-01	-8.63E-02	8.29E-03	0	8.29E-03	1.03E-01	-9.45E-02
COURSE GRID	392500.0	3734000.0	1.58E-02	0	1.58E-02	9.71E-02	-8.13E-02	7.93E-03	0	7.93E-03	9.71E-02	-8.92E-02
COURSE GRID	393000.0	3734000.0	1.50E-02	0	1.50E-02	9.14E-02	-7.64E-02	7.52E-03	0	7.52E-03	9.14E-02	-8.39E-02
COURSE GRID	393500.0	3734000.0	1.46E-02	0	1.46E-02	8.84E-02	-7.38E-02	7.32E-03	0	7.32E-03	8.84E-02	-8.11E-02
COURSE GRID	377000.0	3734500.0	9.63E-03	0	9.63E-03	4.80E-02	-3.84E-02	4.51E-03	0	4.51E-03	4.80E-02	-4.35E-02
COURSE GRID	377500.0	3734500.0	1.29E-02	0	1.29E-02	5.94E-02	-4.65E-02	5.67E-03	0	5.67E-03	5.94E-02	-5.37E-02
COURSE GRID	378000.0	3734500.0	1.45E-02	0	1.45E-02	7.06E-02	-5.61E-02	6.64E-03	0	6.64E-03	7.06E-02	-6.40E-02
COURSE GRID	378500.0	3734500.0	1.55E-02	0	1.55E-02	7.97E-02	-6.42E-02	7.32E-03	0	7.32E-03	7.97E-02	-7.24E-02
COURSE GRID	379000.0	3734500.0	1.73E-02	0	1.73E-02	8.94E-02	-7.21E-02	8.04E-03	0	8.04E-03	8.94E-02	-8.14E-02
COURSE GRID	379500.0	3734500.0	2.08E-02	0	2.08E-02	1.09E-01	-8.80E-02	9.76E-03	0	9.76E-03	1.09E-01	-9.90E-02
COURSE GRID	380000.0	3734500.0	2.57E-02	0	2.57E-02	1.40E-01	-1.14E-01	1.20E-02	0	1.20E-02	1.40E-01	-1.28E-01
COURSE GRID	380500.0	3734500.0	2.69E-02	0	2.69E-02	1.58E-01	-1.31E-01	1.26E-02	0	1.26E-02	1.58E-01	-1.45E-01
COURSE GRID	381000.0	3734500.0	2.86E-02	0	2.86E-02	1.82E-01	-1.53E-01	1.38E-02	0	1.38E-02	1.82E-01	-1.68E-01
COURSE GRID	381500.0	3734500.0	2.92E-02	0	2.92E-02	2.02E-01	-1.73E-01	1.46E-02	0	1.46E-02	2.02E-01	-1.87E-01
COURSE GRID	382000.0	3734500.0	3.08E-02	0	3.08E-02	2.29E-01	-1.99E-01	1.50E-02	0	1.50E-02	2.29E-01	-2.14E-01
COURSE GRID	382500.0	3734500.0	3.45E-02	0	3.45E-02	2.73E-01	-2.39E-01	1.68E-02	0	1.68E-02	2.73E-01	-2.57E-01
COURSE GRID	383000.0	3734500.0	3.11E-02	0	3.11E-02	2.39E-01	-2.08E-01	1.54E-02	0	1.54E-02	2.39E-01	-2.23E-01
COURSE GRID	383500.0	3734500.0	3.12E-02	0	3.12E-02	2.40E-01	-2.09E-01	1.55E-02	0	1.55E-02	2.40E-01	-2.25E-01
COURSE GRID	384000.0	3734500.0	3.11E-02	0	3.11E-02	2.52E-01	-2.21E-01	1.52E-02	0	1.52E-02	2.52E-01	-2.37E-01
COURSE GRID	384500.0	3734500.0	3.04E-02	0	3.04E-02	2.07E-01	-1.76E-01	1.52E-02	0	1.52E-02	2.07E-01	-1.91E-01
COURSE GRID	385000.0	3734500.0	3.04E-02	0	3.04E-02	1.87E-01	-1.57E-01	1.51E-02	0	1.51E-02	1.87E-01	-1.72E-01
COURSE GRID	385500.0	3734500.0	2.87E-02	0	2.87E-02	1.74E-01	-1.46E-01	1.45E-02	0	1.45E-02	1.74E-01	-1.60E-01
COURSE GRID	386000.0	3734500.0	2.82E-02	0	2.82E-02	1.77E-01	-1.49E-01	1.47E-02	0	1.47E-02	1.77E-01	-1.62E-01
COURSE GRID	386500.0	3734500.0	2.70E-02	0	2.70E-02	1.74E-01	-1.47E-01	1.42E-02	0	1.42E-02	1.74E-01	-1.59E-01
COURSE GRID	387000.0	3734500.0	2.72E-02	0	2.72E-02	1.77E-01	-1.50E-01	1.43E-02	0	1.43E-02	1.77E-01	-1.63E-01
COURSE GRID	387500.0	3734500.0	2.60E-02	0	2.60E-02	1.70E-01	-1.44E-01	1.36E-02	0	1.36E-02	1.70E-01	-1.57E-01
COURSE GRID	388000.0	3734500.0	2.58E-02	0	2.58E-02	1.78E-01	-1.52E-01	1.41E-02	0	1.41E-02	1.78E-01	-1.64E-01
COURSE GRID	388500.0	3734500.0	2.42E-02	0	2.42E-02	1.66E-01	-1.42E-01	1.31E-02	0	1.31E-02	1.66E-01	-1.53E-01
COURSE GRID	389000.0	3734500.0	2.32E-02	0	2.32E-02	1.54E-01	-1.31E-01	1.24E-02	0	1.24E-02	1.54E-01	-1.42E-01
COURSE GRID	389500.0	3734500.0	2.12E-02	0	2.12E-02	1.40E-01	-1.19E-01	1.11E-02	0	1.11E-02	1.40E-01	-1.29E-01
COURSE GRID	390000.0	3734500.0	2.01E-02	0	2.01E-02	1.32E-01	-1.12E-01	1.04E-02	0	1.04E-02	1.32E-01	-1.22E-01
COURSE GRID	390500.0	3734500.0	1.94E-02	0	1.94E-02	1.27E-01	-1.08E-01	9.94E-03	0	9.94E-03	1.27E-01	-1.17E-01
COURSE GRID	391000.0	3734500.0	1.81E-02	0	1.81E-02	1.18E-01	-9.98E-02	9.37E-03	0	9.37E-03	1.18E-01	-1.09E-01
COURSE GRID	391500.0	3734500.0	1.65E-02	0	1.65E-02	1.04E-01	-8.73E-02	8.39E-03	0	8.39E-03	1.04E-01	-9.54E-02
COURSE GRID	392000.0	3734500.0	1.60E-02	0	1.60E-02	9.78E-02	-8.18E-02	8.08E-03	0	8.08E-03	9.78E-02	-8.97E-02
COURSE GRID	392500.0	3734500.0	1.54E-02	0	1.54E-02	9.29E-02	-7.75E-02	7.77E-03	0	7.77E-03	9.29E-02	-8.51E-02
COURSE GRID	393000.0	3734500.0	1.48E-02	0	1.48E-02	8.78E-02	-7.30E-02	7.44E-03	0	7.44E-03	8.78E-02	-8.04E-02
COURSE GRID	393500.0	3734500.0	1.45E-02	0	1.45E-02	8.56E-02	-7.11E-02	7.35E-03	0	7.35E-03	8.56E-02	-7.83E-02
COURSE GRID	377000.0	3735000.0	1.12E-02	0	1.12E-02	5.63E-02	-4.51E-02	5.18E-03	0	5.18E-03	5.63E-02	-5.11E-02

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	377500.0	3735000.0	1.27E-02	0	1.27E-02	6.38E-02	-5.11E-02	5.92E-03	0	5.92E-03	6.38E-02	-5.79E-02
COURSE GRID	378000.0	3735000.0	1.40E-02	0	1.40E-02	7.08E-02	-5.68E-02	6.47E-03	0	6.47E-03	7.08E-02	-6.43E-02
COURSE GRID	378500.0	3735000.0	1.60E-02	0	1.60E-02	7.92E-02	-6.32E-02	7.24E-03	0	7.24E-03	7.92E-02	-7.20E-02
COURSE GRID	379000.0	3735000.0	1.72E-02	0	1.72E-02	9.30E-02	-7.58E-02	8.10E-03	0	8.10E-03	9.30E-02	-8.49E-02
COURSE GRID	379500.0	3735000.0	2.26E-02	0	2.26E-02	1.22E-01	-9.98E-02	1.07E-02	0	1.07E-02	1.22E-01	-1.12E-01
COURSE GRID	380000.0	3735000.0	2.40E-02	0	2.40E-02	1.35E-01	-1.11E-01	1.13E-02	0	1.13E-02	1.35E-01	-1.23E-01
COURSE GRID	380500.0	3735000.0	2.46E-02	0	2.46E-02	1.41E-01	-1.17E-01	1.14E-02	0	1.14E-02	1.41E-01	-1.30E-01
COURSE GRID	381000.0	3735000.0	2.45E-02	0	2.45E-02	1.63E-01	-1.39E-01	1.26E-02	0	1.26E-02	1.63E-01	-1.51E-01
COURSE GRID	381500.0	3735000.0	2.56E-02	0	2.56E-02	1.76E-01	-1.50E-01	1.27E-02	0	1.27E-02	1.76E-01	-1.63E-01
COURSE GRID	382000.0	3735000.0	2.99E-02	0	2.99E-02	2.09E-01	-1.79E-01	1.55E-02	0	1.55E-02	2.09E-01	-1.93E-01
COURSE GRID	382500.0	3735000.0	3.14E-02	0	3.14E-02	2.42E-01	-2.11E-01	1.61E-02	0	1.61E-02	2.42E-01	-2.26E-01
COURSE GRID	383000.0	3735000.0	3.20E-02	0	3.20E-02	2.71E-01	-2.39E-01	1.66E-02	0	1.66E-02	2.71E-01	-2.55E-01
COURSE GRID	384000.0	3735000.0	3.27E-02	0	3.27E-02	2.93E-01	-2.61E-01	1.68E-02	0	1.68E-02	2.93E-01	-2.77E-01
COURSE GRID	384500.0	3735000.0	2.92E-02	0	2.92E-02	2.18E-01	-1.88E-01	1.51E-02	0	1.51E-02	2.18E-01	-2.02E-01
COURSE GRID	385000.0	3735000.0	2.97E-02	0	2.97E-02	1.98E-01	-1.68E-01	1.53E-02	0	1.53E-02	1.98E-01	-1.82E-01
COURSE GRID	385500.0	3735000.0	2.88E-02	0	2.88E-02	1.80E-01	-1.51E-01	1.47E-02	0	1.47E-02	1.80E-01	-1.66E-01
COURSE GRID	386000.0	3735000.0	2.88E-02	0	2.88E-02	1.87E-01	-1.58E-01	1.56E-02	0	1.56E-02	1.87E-01	-1.71E-01
COURSE GRID	386500.0	3735000.0	2.77E-02	0	2.77E-02	1.84E-01	-1.56E-01	1.52E-02	0	1.52E-02	1.84E-01	-1.69E-01
COURSE GRID	387000.0	3735000.0	2.73E-02	0	2.73E-02	1.90E-01	-1.62E-01	1.51E-02	0	1.51E-02	1.90E-01	-1.74E-01
COURSE GRID	387500.0	3735000.0	2.63E-02	0	2.63E-02	1.82E-01	-1.56E-01	1.44E-02	0	1.44E-02	1.82E-01	-1.68E-01
COURSE GRID	388000.0	3735000.0	2.73E-02	0	2.73E-02	1.87E-01	-1.60E-01	1.51E-02	0	1.51E-02	1.87E-01	-1.72E-01
COURSE GRID	388500.0	3735000.0	2.55E-02	0	2.55E-02	1.71E-01	-1.46E-01	1.41E-02	0	1.41E-02	1.71E-01	-1.57E-01
COURSE GRID	389000.0	3735000.0	2.24E-02	0	2.24E-02	1.50E-01	-1.28E-01	1.22E-02	0	1.22E-02	1.50E-01	-1.38E-01
COURSE GRID	389500.0	3735000.0	2.11E-02	0	2.11E-02	1.38E-01	-1.17E-01	1.13E-02	0	1.13E-02	1.38E-01	-1.27E-01
COURSE GRID	390000.0	3735000.0	1.98E-02	0	1.98E-02	1.29E-01	-1.09E-01	1.05E-02	0	1.05E-02	1.29E-01	-1.19E-01
COURSE GRID	390500.0	3735000.0	1.88E-02	0	1.88E-02	1.26E-01	-1.07E-01	1.01E-02	0	1.01E-02	1.26E-01	-1.16E-01
COURSE GRID	391000.0	3735000.0	1.73E-02	0	1.73E-02	1.14E-01	-9.70E-02	9.07E-03	0	9.07E-03	1.14E-01	-1.05E-01
COURSE GRID	391500.0	3735000.0	1.64E-02	0	1.64E-02	1.03E-01	-8.67E-02	8.47E-03	0	8.47E-03	1.03E-01	-9.46E-02
COURSE GRID	392000.0	3735000.0	1.56E-02	0	1.56E-02	9.62E-02	-8.06E-02	7.96E-03	0	7.96E-03	9.62E-02	-8.82E-02
COURSE GRID	392500.0	3735000.0	1.50E-02	0	1.50E-02	9.22E-02	-7.72E-02	7.70E-03	0	7.70E-03	9.22E-02	-8.45E-02
COURSE GRID	393000.0	3735000.0	1.48E-02	0	1.48E-02	9.05E-02	-7.57E-02	7.66E-03	0	7.66E-03	9.05E-02	-8.28E-02
COURSE GRID	393500.0	3735000.0	1.42E-02	0	1.42E-02	8.50E-02	-7.08E-02	7.19E-03	0	7.19E-03	8.50E-02	-7.78E-02
COURSE GRID	377000.0	3735500.0	1.17E-02	0	1.17E-02	5.93E-02	-4.76E-02	5.49E-03	0	5.49E-03	5.93E-02	-5.38E-02
COURSE GRID	377500.0	3735500.0	1.20E-02	0	1.20E-02	6.20E-02	-5.00E-02	5.65E-03	0	5.65E-03	6.20E-02	-5.64E-02
COURSE GRID	378000.0	3735500.0	1.41E-02	0	1.41E-02	7.12E-02	-6.47E-02	6.57E-03	0	6.57E-03	7.12E-02	-6.46E-02
COURSE GRID	378500.0	3735500.0	1.53E-02	0	1.53E-02	8.00E-02	-6.71E-02	7.28E-03	0	7.28E-03	8.00E-02	-7.27E-02
COURSE GRID	379000.0	3735500.0	1.82E-02	0	1.82E-02	9.81E-02	-7.99E-02	8.81E-03	0	8.81E-03	9.81E-02	-8.93E-02
COURSE GRID	379500.0	3735500.0	2.06E-02	0	2.06E-02	1.10E-01	-8.91E-02	9.66E-03	0	9.66E-03	1.10E-01	-1.00E-01
COURSE GRID	380000.0	3735500.0	2.14E-02	0	2.14E-02	1.10E-01	-8.86E-02	9.77E-03	0	9.77E-03	1.10E-01	-1.00E-01
COURSE GRID	380500.0	3735500.0	2.09E-02	0	2.09E-02	1.27E-01	-1.06E-01	1.08E-02	0	1.08E-02	1.27E-01	-1.16E-01

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	381000.0	3735500.0	2.26E-02	0	2.26E-02	1.41E-01	-1.19E-01	1.16E-02	0	1.16E-02	1.41E-01	-1.30E-01
COURSE GRID	381500.0	3735500.0	2.37E-02	0	2.37E-02	1.54E-01	-1.31E-01	1.22E-02	0	1.22E-02	1.54E-01	-1.42E-01
COURSE GRID	382000.0	3735500.0	2.69E-02	0	2.69E-02	1.76E-01	-1.49E-01	1.39E-02	0	1.39E-02	1.76E-01	-1.62E-01
COURSE GRID	382500.0	3735500.0	2.90E-02	0	2.90E-02	2.09E-01	-1.80E-01	1.53E-02	0	1.53E-02	2.09E-01	-1.94E-01
COURSE GRID	383000.0	3735500.0	3.19E-02	0	3.19E-02	2.49E-01	-2.17E-01	1.79E-02	0	1.79E-02	2.49E-01	-2.31E-01
COURSE GRID	383500.0	3735500.0	3.17E-02	0	3.17E-02	2.80E-01	-2.48E-01	1.72E-02	0	1.72E-02	2.80E-01	-2.62E-01
COURSE GRID	384000.0	3735500.0	3.21E-02	0	3.21E-02	2.61E-01	-2.29E-01	1.72E-02	0	1.72E-02	2.61E-01	-2.44E-01
COURSE GRID	384500.0	3735500.0	2.89E-02	0	2.89E-02	2.13E-01	-1.84E-01	1.59E-02	0	1.59E-02	2.13E-01	-1.97E-01
COURSE GRID	385000.0	3735500.0	2.88E-02	0	2.88E-02	1.88E-01	-1.59E-01	1.55E-02	0	1.55E-02	1.88E-01	-1.72E-01
COURSE GRID	385500.0	3735500.0	2.94E-02	0	2.94E-02	1.91E-01	-1.61E-01	1.63E-02	0	1.63E-02	1.91E-01	-1.74E-01
COURSE GRID	386000.0	3735500.0	2.92E-02	0	2.92E-02	1.82E-01	-1.53E-01	1.59E-02	0	1.59E-02	1.82E-01	-1.66E-01
COURSE GRID	386500.0	3735500.0	2.86E-02	0	2.86E-02	1.89E-01	-1.60E-01	1.62E-02	0	1.62E-02	1.89E-01	-1.73E-01
COURSE GRID	387000.0	3735500.0	2.86E-02	0	2.86E-02	1.96E-01	-1.68E-01	1.65E-02	0	1.65E-02	1.96E-01	-1.80E-01
COURSE GRID	387500.0	3735500.0	2.75E-02	0	2.75E-02	1.93E-01	-1.66E-01	1.59E-02	0	1.59E-02	1.93E-01	-1.77E-01
COURSE GRID	388000.0	3735500.0	2.59E-02	0	2.59E-02	1.78E-01	-1.52E-01	1.45E-02	0	1.45E-02	1.78E-01	-1.64E-01
COURSE GRID	388500.0	3735500.0	2.49E-02	0	2.49E-02	1.64E-01	-1.39E-01	1.36E-02	0	1.36E-02	1.64E-01	-1.50E-01
COURSE GRID	389000.0	3735500.0	2.36E-02	0	2.36E-02	1.52E-01	-1.28E-01	1.28E-02	0	1.28E-02	1.52E-01	-1.39E-01
COURSE GRID	389500.0	3735500.0	2.12E-02	0	2.12E-02	1.38E-01	-1.17E-01	1.17E-02	0	1.17E-02	1.38E-01	-1.26E-01
COURSE GRID	390000.0	3735500.0	1.94E-02	0	1.94E-02	1.27E-01	-1.08E-01	1.08E-02	0	1.08E-02	1.27E-01	-1.16E-01
COURSE GRID	390500.0	3735500.0	1.82E-02	0	1.82E-02	1.20E-01	-1.02E-01	9.88E-03	0	9.88E-03	1.20E-01	-1.10E-01
COURSE GRID	391000.0	3735500.0	1.73E-02	0	1.73E-02	1.15E-01	-9.75E-02	9.27E-03	0	9.27E-03	1.15E-01	-1.06E-01
COURSE GRID	391500.0	3735500.0	1.62E-02	0	1.62E-02	1.06E-01	-9.01E-02	8.72E-03	0	8.72E-03	1.06E-01	-9.76E-02
COURSE GRID	392000.0	3735500.0	1.54E-02	0	1.54E-02	1.00E-01	-8.46E-02	8.10E-03	0	8.10E-03	1.00E-01	-9.19E-02
COURSE GRID	392500.0	3735500.0	1.47E-02	0	1.47E-02	9.32E-02	-7.85E-02	7.49E-03	0	7.49E-03	9.32E-02	-8.57E-02
COURSE GRID	393000.0	3735500.0	1.45E-02	0	1.45E-02	9.12E-02	-7.67E-02	7.41E-03	0	7.41E-03	9.12E-02	-8.38E-02
COURSE GRID	393500.0	3735500.0	1.39E-02	0	1.39E-02	8.66E-02	-7.28E-02	6.95E-03	0	6.95E-03	8.66E-02	-7.97E-02
COURSE GRID	377000.0	3736000.0	1.08E-02	0	1.08E-02	5.30E-02	-4.22E-02	5.05E-03	0	5.05E-03	5.30E-02	-4.79E-02
COURSE GRID	377500.0	3736000.0	1.18E-02	0	1.18E-02	6.07E-02	-4.89E-02	5.60E-03	0	5.60E-03	6.07E-02	-5.51E-02
COURSE GRID	378000.0	3736000.0	1.39E-02	0	1.39E-02	7.27E-02	-5.88E-02	6.75E-03	0	6.75E-03	7.27E-02	-6.59E-02
COURSE GRID	378500.0	3736000.0	1.66E-02	0	1.66E-02	8.78E-02	-7.12E-02	8.00E-03	0	8.00E-03	8.78E-02	-7.98E-02
COURSE GRID	379000.0	3736000.0	2.06E-02	0	2.06E-02	1.10E-01	-8.95E-02	1.01E-02	0	1.01E-02	1.10E-01	-1.00E-01
COURSE GRID	379500.0	3736000.0	2.02E-02	0	2.02E-02	1.04E-01	-8.42E-02	9.47E-03	0	9.47E-03	1.04E-01	-9.49E-02
COURSE GRID	380000.0	3736000.0	1.86E-02	0	1.86E-02	1.06E-01	-8.72E-02	9.35E-03	0	9.35E-03	1.06E-01	-9.65E-02
COURSE GRID	380500.0	3736000.0	2.00E-02	0	2.00E-02	1.20E-01	-9.99E-02	1.04E-02	0	1.04E-02	1.20E-01	-1.10E-01
COURSE GRID	381000.0	3736000.0	2.08E-02	0	2.08E-02	1.28E-01	-1.07E-01	1.08E-02	0	1.08E-02	1.28E-01	-1.17E-01
COURSE GRID	381500.0	3736000.0	2.33E-02	0	2.33E-02	1.45E-01	-1.22E-01	1.22E-02	0	1.22E-02	1.45E-01	-1.33E-01
COURSE GRID	382000.0	3736000.0	2.54E-02	0	2.54E-02	1.68E-01	-1.42E-01	1.37E-02	0	1.37E-02	1.68E-01	-1.54E-01
COURSE GRID	382500.0	3736000.0	2.96E-02	0	2.96E-02	2.08E-01	-1.78E-01	1.69E-02	0	1.69E-02	2.08E-01	-1.91E-01
COURSE GRID	383000.0	3736000.0	3.12E-02	0	3.12E-02	2.31E-01	-2.00E-01	1.82E-02	0	1.82E-02	2.31E-01	-2.13E-01
COURSE GRID	383500.0	3736000.0	3.18E-02	0	3.18E-02	2.38E-01	-2.06E-01	1.85E-02	0	1.85E-02	2.38E-01	-2.19E-01

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION				REDUCED PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	384000.0	3736000.0	3.35E-02	0	3.35E-02	2.44E-01	-2.11E-01	1.94E-02	0	1.94E-02	2.44E-01	-2.25E-01
COURSE GRID	384500.0	3736000.0	2.96E-02	0	2.96E-02	2.14E-01	-1.84E-01	1.73E-02	0	1.73E-02	2.14E-01	-1.97E-01
COURSE GRID	385000.0	3736000.0	2.86E-02	0	2.86E-02	1.92E-01	-1.63E-01	1.65E-02	0	1.65E-02	1.92E-01	-1.75E-01
COURSE GRID	385500.0	3736000.0	2.92E-02	0	2.92E-02	1.89E-01	-1.60E-01	1.63E-02	0	1.63E-02	1.89E-01	-1.73E-01
COURSE GRID	386000.0	3736000.0	2.95E-02	0	2.95E-02	1.89E-01	-1.60E-01	1.67E-02	0	1.67E-02	1.89E-01	-1.72E-01
COURSE GRID	386500.0	3736000.0	3.17E-02	0	3.17E-02	2.04E-01	-1.72E-01	1.89E-02	0	1.89E-02	2.04E-01	-1.85E-01
COURSE GRID	387000.0	3736000.0	3.10E-02	0	3.10E-02	2.13E-01	-1.82E-01	1.89E-02	0	1.89E-02	2.13E-01	-1.94E-01
COURSE GRID	387500.0	3736000.0	3.01E-02	0	3.01E-02	2.11E-01	-1.81E-01	1.85E-02	0	1.85E-02	2.11E-01	-1.92E-01
COURSE GRID	388000.0	3736000.0	2.70E-02	0	2.70E-02	1.83E-01	-1.56E-01	1.62E-02	0	1.62E-02	1.83E-01	-1.67E-01
COURSE GRID	388500.0	3736000.0	2.50E-02	0	2.50E-02	1.65E-01	-1.39E-01	1.46E-02	0	1.46E-02	1.65E-01	-1.50E-01
COURSE GRID	389000.0	3736000.0	2.34E-02	0	2.34E-02	1.51E-01	-1.27E-01	1.32E-02	0	1.32E-02	1.51E-01	-1.38E-01
COURSE GRID	389500.0	3736000.0	2.20E-02	0	2.20E-02	1.37E-01	-1.15E-01	1.20E-02	0	1.20E-02	1.37E-01	-1.24E-01
COURSE GRID	390000.0	3736000.0	2.02E-02	0	2.02E-02	1.27E-01	-1.06E-01	1.10E-02	0	1.10E-02	1.27E-01	-1.16E-01
COURSE GRID	390500.0	3736000.0	1.85E-02	0	1.85E-02	1.20E-01	-1.02E-01	1.03E-02	0	1.03E-02	1.20E-01	-1.10E-01
COURSE GRID	391000.0	3736000.0	1.71E-02	0	1.71E-02	1.12E-01	-9.45E-02	9.36E-03	0	9.36E-03	1.12E-01	-1.02E-01
COURSE GRID	391500.0	3736000.0	1.60E-02	0	1.60E-02	9.86E-02	-8.27E-02	8.56E-03	0	8.56E-03	9.86E-02	-9.00E-02
COURSE GRID	392000.0	3736000.0	1.52E-02	0	1.52E-02	9.26E-02	-7.75E-02	8.09E-03	0	8.09E-03	9.26E-02	-8.45E-02
COURSE GRID	392500.0	3736000.0	1.48E-02	0	1.48E-02	9.03E-02	-7.56E-02	7.92E-03	0	7.92E-03	9.03E-02	-8.24E-02
COURSE GRID	393000.0	3736000.0	1.46E-02	0	1.46E-02	8.99E-02	-7.53E-02	7.87E-03	0	7.87E-03	8.99E-02	-8.20E-02
COURSE GRID	393500.0	3736000.0	1.44E-02	0	1.44E-02	8.82E-02	-7.39E-02	7.69E-03	0	7.69E-03	8.82E-02	-8.05E-02
COURSE GRID	377000.0	3736500.0	1.06E-02	0	1.06E-02	5.33E-02	-4.27E-02	4.98E-03	0	4.98E-03	5.33E-02	-4.83E-02
COURSE GRID	377500.0	3736500.0	1.23E-02	0	1.23E-02	6.16E-02	-4.93E-02	5.79E-03	0	5.79E-03	6.16E-02	-5.58E-02
COURSE GRID	378000.0	3736500.0	1.45E-02	0	1.45E-02	7.47E-02	-6.02E-02	7.00E-03	0	7.00E-03	7.47E-02	-6.77E-02
COURSE GRID	378500.0	3736500.0	1.78E-02	0	1.78E-02	9.23E-02	-7.46E-02	8.60E-03	0	8.60E-03	9.23E-02	-8.37E-02
COURSE GRID	379000.0	3736500.0	1.95E-02	0	1.95E-02	1.02E-01	-8.21E-02	9.33E-03	0	9.33E-03	1.02E-01	-9.23E-02
COURSE GRID	379500.0	3736500.0	1.82E-02	0	1.82E-02	1.04E-01	-8.61E-02	9.26E-03	0	9.26E-03	1.04E-01	-9.50E-02
COURSE GRID	380000.0	3736500.0	1.74E-02	0	1.74E-02	1.05E-01	-8.71E-02	9.13E-03	0	9.13E-03	1.05E-01	-9.54E-02
COURSE GRID	380500.0	3736500.0	2.03E-02	0	2.03E-02	1.28E-01	-1.08E-01	1.10E-02	0	1.10E-02	1.28E-01	-1.17E-01
COURSE GRID	381000.0	3736500.0	2.24E-02	0	2.24E-02	1.48E-01	-1.25E-01	1.27E-02	0	1.27E-02	1.48E-01	-1.35E-01
COURSE GRID	381500.0	3736500.0	2.32E-02	0	2.32E-02	1.43E-01	-1.20E-01	1.26E-02	0	1.26E-02	1.43E-01	-1.31E-01
COURSE GRID	382000.0	3736500.0	2.49E-02	0	2.49E-02	1.62E-01	-1.37E-01	1.40E-02	0	1.40E-02	1.62E-01	-1.48E-01
COURSE GRID	382500.0	3736500.0	3.27E-02	0	3.27E-02	2.26E-01	-1.93E-01	2.03E-02	0	2.03E-02	2.26E-01	-2.06E-01
COURSE GRID	383000.0	3736500.0	3.71E-02	0	3.71E-02	2.71E-01	-2.34E-01	2.39E-02	0	2.39E-02	2.71E-01	-2.48E-01
COURSE GRID	383500.0	3736500.0	3.59E-02	0	3.59E-02	2.57E-01	-2.21E-01	2.29E-02	0	2.29E-02	2.57E-01	-2.34E-01
COURSE GRID	384000.0	3736500.0	3.53E-02	0	3.53E-02	2.53E-01	-2.17E-01	2.15E-02	0	2.15E-02	2.53E-01	-2.31E-01
COURSE GRID	384500.0	3736500.0	3.14E-02	0	3.14E-02	2.20E-01	-1.89E-01	1.89E-02	0	1.89E-02	2.20E-01	-2.01E-01
COURSE GRID	385000.0	3736500.0	3.00E-02	0	3.00E-02	2.00E-01	-1.70E-01	1.81E-02	0	1.81E-02	2.00E-01	-1.82E-01
COURSE GRID	385500.0	3736500.0	3.07E-02	0	3.07E-02	1.98E-01	-1.67E-01	1.82E-02	0	1.82E-02	1.98E-01	-1.80E-01
COURSE GRID	386000.0	3736500.0	3.17E-02	0	3.17E-02	2.10E-01	-1.78E-01	1.93E-02	0	1.93E-02	2.10E-01	-1.91E-01
COURSE GRID	386500.0	3736500.0	3.72E-02	0	3.72E-02	2.43E-01	-2.06E-01	2.31E-02	0	2.31E-02	2.43E-01	-2.20E-01

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	387000.0	3736500.0	3.51E-02	0	3.51E-02	2.38E-01	-2.03E-01	2.26E-02	0	2.26E-02	2.38E-01	-2.15E-01
COURSE GRID	387500.0	3736500.0	3.43E-02	0	3.43E-02	2.35E-01	-2.01E-01	2.19E-02	0	2.19E-02	2.35E-01	-2.13E-01
COURSE GRID	388000.0	3736500.0	3.11E-02	0	3.11E-02	2.14E-01	-1.83E-01	2.01E-02	0	2.01E-02	2.14E-01	-1.94E-01
COURSE GRID	388500.0	3736500.0	2.75E-02	0	2.75E-02	1.94E-01	-1.66E-01	1.74E-02	0	1.74E-02	1.94E-01	-1.76E-01
COURSE GRID	389000.0	3736500.0	2.56E-02	0	2.56E-02	1.76E-01	-1.50E-01	1.57E-02	0	1.57E-02	1.76E-01	-1.60E-01
COURSE GRID	389500.0	3736500.0	2.38E-02	0	2.38E-02	1.56E-01	-1.32E-01	1.42E-02	0	1.42E-02	1.56E-01	-1.42E-01
COURSE GRID	390000.0	3736500.0	2.26E-02	0	2.26E-02	1.41E-01	-1.18E-01	1.30E-02	0	1.30E-02	1.41E-01	-1.28E-01
COURSE GRID	390500.0	3736500.0	2.07E-02	0	2.07E-02	1.28E-01	-1.07E-01	1.16E-02	0	1.16E-02	1.28E-01	-1.16E-01
COURSE GRID	391000.0	3736500.0	1.91E-02	0	1.91E-02	1.22E-01	-1.03E-01	1.09E-02	0	1.09E-02	1.22E-01	-1.11E-01
COURSE GRID	391500.0	3736500.0	1.72E-02	0	1.72E-02	1.10E-01	-9.27E-02	9.82E-03	0	9.82E-03	1.10E-01	-1.00E-01
COURSE GRID	392000.0	3736500.0	1.56E-02	0	1.56E-02	9.73E-02	-8.17E-02	8.64E-03	0	8.64E-03	9.73E-02	-8.87E-02
COURSE GRID	392500.0	3736500.0	1.50E-02	0	1.50E-02	9.11E-02	-7.62E-02	8.18E-03	0	8.18E-03	9.11E-02	-8.29E-02
COURSE GRID	393000.0	3736500.0	1.41E-02	0	1.41E-02	8.46E-02	-7.06E-02	7.53E-03	0	7.53E-03	8.46E-02	-7.71E-02
COURSE GRID	393500.0	3736500.0	1.30E-02	0	1.30E-02	7.90E-02	-6.60E-02	6.83E-03	0	6.83E-03	7.90E-02	-7.22E-02
COURSE GRID	377000.0	3737000.0	1.08E-02	0	1.08E-02	5.43E-02	-4.35E-02	5.19E-03	0	5.19E-03	5.43E-02	-4.91E-02
COURSE GRID	377500.0	3737000.0	1.28E-02	0	1.28E-02	6.42E-02	-5.14E-02	6.07E-03	0	6.07E-03	6.42E-02	-5.81E-02
COURSE GRID	378000.0	3737000.0	1.55E-02	0	1.55E-02	8.00E-02	-6.45E-02	7.60E-03	0	7.60E-03	8.00E-02	-7.24E-02
COURSE GRID	378500.0	3737000.0	1.76E-02	0	1.76E-02	9.09E-02	-7.33E-02	8.54E-03	0	8.54E-03	9.09E-02	-8.24E-02
COURSE GRID	379000.0	3737000.0	1.76E-02	0	1.76E-02	9.92E-02	-8.16E-02	8.91E-03	0	8.91E-03	9.92E-02	-9.03E-02
COURSE GRID	379500.0	3737000.0	1.66E-02	0	1.66E-02	1.02E-01	-8.50E-02	8.90E-03	0	8.90E-03	1.02E-01	-9.27E-02
COURSE GRID	380000.0	3737000.0	1.83E-02	0	1.83E-02	1.10E-01	-9.22E-02	9.75E-03	0	9.75E-03	1.10E-01	-1.01E-01
COURSE GRID	380500.0	3737000.0	2.01E-02	0	2.01E-02	1.30E-01	-1.10E-01	1.12E-02	0	1.12E-02	1.30E-01	-1.19E-01
COURSE GRID	381000.0	3737000.0	2.20E-02	0	2.20E-02	1.42E-01	-1.20E-01	1.24E-02	0	1.24E-02	1.42E-01	-1.30E-01
COURSE GRID	381500.0	3737000.0	2.24E-02	0	2.24E-02	1.40E-01	-1.17E-01	1.25E-02	0	1.25E-02	1.40E-01	-1.27E-01
COURSE GRID	382000.0	3737000.0	2.51E-02	0	2.51E-02	1.64E-01	-1.39E-01	1.49E-02	0	1.49E-02	1.64E-01	-1.49E-01
COURSE GRID	382500.0	3737000.0	3.32E-02	0	3.32E-02	2.31E-01	-1.98E-01	2.13E-02	0	2.13E-02	2.31E-01	-2.10E-01
COURSE GRID	383000.0	3737000.0	7.78E-02	0	7.78E-02	5.91E-01	-5.13E-01	5.88E-02	0	5.88E-02	5.91E-01	-5.32E-01
COURSE GRID	383500.0	3737000.0	7.85E-02	0	7.85E-02	5.91E-01	-5.13E-01	5.94E-02	0	5.94E-02	5.91E-01	-5.32E-01
COURSE GRID	384000.0	3737000.0	4.25E-02	0	4.25E-02	3.09E-01	-2.67E-01	2.86E-02	0	2.86E-02	3.09E-01	-2.81E-01
COURSE GRID	384500.0	3737000.0	3.41E-02	0	3.41E-02	2.38E-01	-2.03E-01	2.12E-02	0	2.12E-02	2.38E-01	-2.16E-01
COURSE GRID	385000.0	3737000.0	2.99E-02	0	2.99E-02	2.12E-01	-1.82E-01	1.87E-02	0	1.87E-02	2.12E-01	-1.93E-01
COURSE GRID	385500.0	3737000.0	3.07E-02	0	3.07E-02	2.06E-01	-1.76E-01	1.93E-02	0	1.93E-02	2.06E-01	-1.87E-01
COURSE GRID	386000.0	3737000.0	3.83E-02	0	3.83E-02	2.59E-01	-2.20E-01	2.51E-02	0	2.51E-02	2.59E-01	-2.33E-01
COURSE GRID	386500.0	3737000.0	4.55E-02	0	4.55E-02	3.13E-01	-2.68E-01	3.10E-02	0	3.10E-02	3.13E-01	-2.82E-01
COURSE GRID	387000.0	3737000.0	5.10E-02	0	5.10E-02	3.62E-01	-3.11E-01	3.62E-02	0	3.62E-02	3.62E-01	-3.26E-01
COURSE GRID	387500.0	3737000.0	4.35E-02	0	4.35E-02	3.10E-01	-2.67E-01	3.04E-02	0	3.04E-02	3.10E-01	-2.80E-01
COURSE GRID	388000.0	3737000.0	3.51E-02	0	3.51E-02	2.46E-01	-2.11E-01	2.40E-02	0	2.40E-02	2.46E-01	-2.22E-01
COURSE GRID	388500.0	3737000.0	2.83E-02	0	2.83E-02	1.97E-01	-1.69E-01	1.84E-02	0	1.84E-02	1.97E-01	-1.78E-01
COURSE GRID	389000.0	3737000.0	2.37E-02	0	2.37E-02	1.61E-01	-1.37E-01	1.48E-02	0	1.48E-02	1.61E-01	-1.46E-01
COURSE GRID	389500.0	3737000.0	2.15E-02	0	2.15E-02	1.39E-01	-1.18E-01	1.27E-02	0	1.27E-02	1.39E-01	-1.26E-01

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION				REDUCED PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	390000.0	3737000.0	1.94E-02	0	1.94E-02	1.27E-01	-1.07E-01	1.10E-02	0	1.10E-02	1.27E-01	-1.16E-01
COURSE GRID	390500.0	3737000.0	1.88E-02	0	1.88E-02	1.19E-01	-1.00E-01	1.01E-02	0	1.01E-02	1.19E-01	-1.09E-01
COURSE GRID	391000.0	3737000.0	1.82E-02	0	1.82E-02	1.13E-01	-9.45E-02	9.70E-03	0	9.70E-03	1.13E-01	-8.94E-01
COURSE GRID	391500.0	3737000.0	1.65E-02	0	1.65E-02	9.83E-02	-8.18E-02	8.88E-03	0	8.88E-03	9.83E-02	-8.94E-01
COURSE GRID	392000.0	3737000.0	1.52E-02	0	1.52E-02	9.11E-02	-7.59E-02	8.34E-03	0	8.34E-03	9.11E-02	-8.28E-02
COURSE GRID	392500.0	3737000.0	1.53E-02	0	1.53E-02	9.38E-02	-7.85E-02	8.58E-03	0	8.58E-03	9.38E-02	-8.52E-02
COURSE GRID	393000.0	3737000.0	1.54E-02	0	1.54E-02	9.49E-02	-7.95E-02	8.74E-03	0	8.74E-03	9.49E-02	-8.62E-02
COURSE GRID	393500.0	3737000.0	1.53E-02	0	1.53E-02	9.37E-02	-7.84E-02	8.70E-03	0	8.70E-03	9.37E-02	-8.50E-02
COURSE GRID	377000.0	3737500.0	1.21E-02	0	1.21E-02	6.05E-02	-4.84E-02	5.80E-03	0	5.80E-03	6.05E-02	-5.47E-02
COURSE GRID	377500.0	3737500.0	1.31E-02	0	1.31E-02	6.82E-02	-5.51E-02	6.38E-03	0	6.38E-03	6.82E-02	-6.18E-02
COURSE GRID	378000.0	3737500.0	1.61E-02	0	1.61E-02	8.17E-02	-6.57E-02	7.64E-03	0	7.64E-03	8.17E-02	-7.41E-02
COURSE GRID	378500.0	3737500.0	1.65E-02	0	1.65E-02	8.81E-02	-7.16E-02	8.11E-03	0	8.11E-03	8.81E-02	-8.00E-02
COURSE GRID	379000.0	3737500.0	1.55E-02	0	1.55E-02	9.30E-02	-7.75E-02	8.23E-03	0	8.23E-03	9.30E-02	-8.48E-02
COURSE GRID	379500.0	3737500.0	1.73E-02	0	1.73E-02	1.04E-01	-8.68E-02	9.36E-03	0	9.36E-03	1.04E-01	-9.47E-02
COURSE GRID	380000.0	3737500.0	1.80E-02	0	1.80E-02	1.11E-01	-9.30E-02	9.89E-03	0	9.89E-03	1.11E-01	-1.01E-01
COURSE GRID	380500.0	3737500.0	1.91E-02	0	1.91E-02	1.23E-01	-1.04E-01	1.08E-02	0	1.08E-02	1.23E-01	-1.12E-01
COURSE GRID	381000.0	3737500.0	2.05E-02	0	2.05E-02	1.29E-01	-1.08E-01	1.13E-02	0	1.13E-02	1.29E-01	-1.17E-01
COURSE GRID	381500.0	3737500.0	2.10E-02	0	2.10E-02	1.30E-01	-1.09E-01	1.18E-02	0	1.18E-02	1.30E-01	-1.18E-01
COURSE GRID	382000.0	3737500.0	2.39E-02	0	2.39E-02	1.56E-01	-1.32E-01	1.44E-02	0	1.44E-02	1.56E-01	-1.42E-01
COURSE GRID	382500.0	3737500.0	2.85E-02	0	2.85E-02	1.94E-01	-1.65E-01	1.79E-02	0	1.79E-02	1.94E-01	-1.76E-01
COURSE GRID	383000.0	3737500.0	3.52E-02	0	3.52E-02	2.50E-01	-2.14E-01	2.33E-02	0	2.33E-02	2.50E-01	-2.26E-01
COURSE GRID	383500.0	3737500.0	4.01E-02	0	4.01E-02	2.87E-01	-2.47E-01	2.74E-02	0	2.74E-02	2.87E-01	-2.60E-01
COURSE GRID	384000.0	3737500.0	3.81E-02	0	3.81E-02	2.75E-01	-2.37E-01	2.57E-02	0	2.57E-02	2.75E-01	-2.50E-01
COURSE GRID	384500.0	3737500.0	3.29E-02	0	3.29E-02	2.26E-01	-1.93E-01	2.04E-02	0	2.04E-02	2.26E-01	-2.06E-01
COURSE GRID	385000.0	3737500.0	2.94E-02	0	2.94E-02	2.08E-01	-1.78E-01	1.88E-02	0	1.88E-02	2.08E-01	-1.89E-01
COURSE GRID	385500.0	3737500.0	3.07E-02	0	3.07E-02	2.15E-01	-1.84E-01	1.99E-02	0	1.99E-02	2.15E-01	-1.95E-01
COURSE GRID	386000.0	3737500.0	3.82E-02	0	3.82E-02	2.63E-01	-2.24E-01	2.58E-02	0	2.58E-02	2.63E-01	-2.37E-01
COURSE GRID	386500.0	3737500.0	6.56E-02	0	6.56E-02	4.84E-01	-4.18E-01	4.91E-02	0	4.91E-02	4.84E-01	-4.35E-01
COURSE GRID	387000.0	3737500.0	1.13E-01	0	1.13E-01	8.52E-01	-7.39E-01	8.94E-02	0	8.94E-02	8.52E-01	-7.62E-01
COURSE GRID	387500.0	3737500.0	6.56E-02	0	6.56E-02	4.99E-01	-4.33E-01	5.17E-02	0	5.17E-02	4.99E-01	-4.47E-01
COURSE GRID	388000.0	3737500.0	4.17E-02	0	4.17E-02	3.04E-01	-2.62E-01	3.06E-02	0	3.06E-02	3.04E-01	-2.73E-01
COURSE GRID	388500.0	3737500.0	3.15E-02	0	3.15E-02	2.22E-01	-1.90E-01	2.15E-02	0	2.15E-02	2.22E-01	-2.00E-01
COURSE GRID	389000.0	3737500.0	2.51E-02	0	2.51E-02	1.71E-01	-1.46E-01	1.62E-02	0	1.62E-02	1.71E-01	-1.55E-01
COURSE GRID	389500.0	3737500.0	2.06E-02	0	2.06E-02	1.37E-01	-1.16E-01	1.24E-02	0	1.24E-02	1.37E-01	-1.24E-01
COURSE GRID	390000.0	3737500.0	1.89E-02	0	1.89E-02	1.21E-01	-1.02E-01	1.08E-02	0	1.08E-02	1.21E-01	-1.10E-01
COURSE GRID	390500.0	3737500.0	1.75E-02	0	1.75E-02	1.10E-01	-9.22E-02	9.89E-03	0	9.89E-03	1.10E-01	-9.98E-02
COURSE GRID	391000.0	3737500.0	1.75E-02	0	1.75E-02	1.07E-01	-8.98E-02	9.57E-03	0	9.57E-03	1.07E-01	-9.77E-02
COURSE GRID	391500.0	3737500.0	1.75E-02	0	1.75E-02	1.07E-01	-8.95E-02	9.73E-03	0	9.73E-03	1.07E-01	-9.73E-02
COURSE GRID	392000.0	3737500.0	1.69E-02	0	1.69E-02	1.02E-01	-8.51E-02	9.49E-03	0	9.49E-03	1.02E-01	-9.25E-02
COURSE GRID	392500.0	3737500.0	1.57E-02	0	1.57E-02	9.66E-02	-8.09E-02	8.97E-03	0	8.97E-03	9.66E-02	-8.76E-02

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION				
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT
COURSE GRID	393000.0	3737500.0	1.45E-02	0	1.45E-02	8.93E-02	-7.48E-02	8.29E-03	8.93E-02	-8.10E-02
COURSE GRID	393500.0	3737500.0	1.37E-02	0	1.37E-02	8.19E-02	-6.82E-02	7.70E-03	8.19E-02	-7.42E-02
COURSE GRID	377000.0	3738000.0	1.21E-02	0	1.21E-02	6.22E-02	-5.01E-02	5.90E-03	6.22E-02	-5.63E-02
COURSE GRID	377500.0	3738000.0	1.31E-02	0	1.31E-02	6.71E-02	-5.40E-02	6.16E-03	6.71E-02	-6.09E-02
COURSE GRID	378000.0	3738000.0	1.38E-02	0	1.38E-02	7.34E-02	-5.96E-02	6.83E-03	7.34E-02	-6.66E-02
COURSE GRID	378500.0	3738000.0	1.28E-02	0	1.28E-02	7.65E-02	-6.37E-02	6.76E-03	7.65E-02	-6.97E-02
COURSE GRID	379000.0	3738000.0	1.45E-02	0	1.45E-02	8.76E-02	-7.32E-02	7.72E-03	8.76E-02	-7.99E-02
COURSE GRID	379500.0	3738000.0	1.59E-02	0	1.59E-02	9.47E-02	-7.88E-02	8.47E-03	9.47E-02	-8.62E-02
COURSE GRID	380000.0	3738000.0	1.54E-02	0	1.54E-02	8.94E-02	-7.40E-02	8.19E-03	8.94E-02	-8.12E-02
COURSE GRID	380500.0	3738000.0	1.79E-02	0	1.79E-02	1.14E-01	-9.57E-02	1.00E-02	1.14E-01	-1.03E-01
COURSE GRID	381000.0	3738000.0	1.78E-02	0	1.78E-02	1.04E-01	-8.65E-02	9.51E-03	1.04E-01	-9.48E-02
COURSE GRID	381500.0	3738000.0	1.94E-02	0	1.94E-02	1.18E-01	-9.87E-02	1.09E-02	1.18E-01	-1.07E-01
COURSE GRID	382000.0	3738000.0	2.15E-02	0	2.15E-02	1.36E-01	-1.15E-01	1.28E-02	1.36E-01	-1.24E-01
COURSE GRID	382500.0	3738000.0	2.35E-02	0	2.35E-02	1.54E-01	-1.30E-01	1.43E-02	1.54E-01	-1.40E-01
COURSE GRID	383000.0	3738000.0	2.63E-02	0	2.63E-02	1.77E-01	-1.51E-01	1.63E-02	1.77E-01	-1.61E-01
COURSE GRID	383500.0	3738000.0	2.94E-02	0	2.94E-02	2.04E-01	-1.74E-01	1.88E-02	2.04E-01	-1.85E-01
COURSE GRID	384000.0	3738000.0	2.62E-02	0	2.62E-02	1.78E-01	-1.51E-01	1.61E-02	1.78E-01	-1.61E-01
COURSE GRID	384500.0	3738000.0	3.01E-02	0	3.01E-02	2.01E-01	-1.71E-01	1.84E-02	2.01E-01	-1.82E-01
COURSE GRID	385000.0	3738000.0	2.71E-02	0	2.71E-02	1.87E-01	-1.60E-01	1.71E-02	1.87E-01	-1.70E-01
COURSE GRID	385500.0	3738000.0	2.95E-02	0	2.95E-02	2.07E-01	-1.77E-01	1.93E-02	2.07E-01	-1.88E-01
COURSE GRID	386000.0	3738000.0	3.62E-02	0	3.62E-02	2.58E-01	-2.21E-01	2.49E-02	2.58E-01	-2.33E-01
COURSE GRID	386500.0	3738000.0	5.34E-02	0	5.34E-02	3.88E-01	-3.34E-01	3.94E-02	3.88E-01	-3.48E-01
COURSE GRID	387000.0	3738000.0	7.72E-02	0	7.72E-02	5.87E-01	-5.10E-01	6.15E-02	5.87E-01	-5.25E-01
COURSE GRID	387500.0	3738000.0	1.62E-01	0	1.62E-01	1.32E+00	-1.16E+00	1.50E-01	1.32E+00	-1.17E+00
COURSE GRID	388000.0	3738000.0	4.38E-02	0	4.38E-02	3.21E-01	-2.77E-01	3.30E-02	3.21E-01	-2.88E-01
COURSE GRID	388500.0	3738000.0	2.94E-02	0	2.94E-02	2.04E-01	-1.75E-01	1.98E-02	2.04E-01	-1.84E-01
COURSE GRID	389000.0	3738000.0	2.33E-02	0	2.33E-02	1.55E-01	-1.32E-01	1.48E-02	1.55E-01	-1.40E-01
COURSE GRID	389500.0	3738000.0	2.04E-02	0	2.04E-02	1.35E-01	-1.14E-01	1.26E-02	1.35E-01	-1.22E-01
COURSE GRID	390000.0	3738000.0	1.72E-02	0	1.72E-02	1.11E-01	-9.37E-02	1.01E-02	1.11E-01	-1.01E-01
COURSE GRID	390500.0	3738000.0	1.62E-02	0	1.62E-02	1.01E-01	-8.45E-02	9.07E-03	1.01E-01	-9.16E-02
COURSE GRID	391000.0	3738000.0	1.53E-02	0	1.53E-02	9.66E-02	-8.14E-02	8.35E-03	9.66E-02	-8.82E-02
COURSE GRID	391500.0	3738000.0	1.47E-02	0	1.47E-02	8.77E-02	-7.30E-02	7.79E-03	8.77E-02	-7.99E-02
COURSE GRID	392000.0	3738000.0	1.44E-02	0	1.44E-02	7.72E-02	-6.29E-02	7.37E-03	7.72E-02	-6.98E-02
COURSE GRID	392500.0	3738000.0	1.40E-02	0	1.40E-02	7.44E-02	-6.04E-02	7.17E-03	7.44E-02	-6.72E-02
COURSE GRID	393000.0	3738000.0	1.34E-02	0	1.34E-02	7.47E-02	-6.13E-02	6.96E-03	7.47E-02	-6.77E-02
COURSE GRID	393500.0	3738000.0	1.25E-02	0	1.25E-02	7.32E-02	-6.07E-02	6.60E-03	7.32E-02	-6.66E-02
COURSE GRID	377000.0	3738500.0	1.21E-02	0	1.21E-02	5.92E-02	-4.71E-02	5.62E-03	5.92E-02	-5.36E-02
COURSE GRID	377500.0	3738500.0	1.36E-02	0	1.36E-02	7.08E-02	-5.72E-02	6.58E-03	7.08E-02	-6.42E-02
COURSE GRID	378000.0	3738500.0	1.21E-02	0	1.21E-02	6.93E-02	-5.72E-02	6.17E-03	6.93E-02	-6.31E-02
COURSE GRID	378500.0	3738500.0	1.37E-02	0	1.37E-02	8.05E-02	-6.68E-02	7.31E-03	8.05E-02	-7.32E-02

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION				REDUCED PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	379000.0	3738500.0	1.50E-02	0	1.50E-02	8.57E-02	-7.07E-02	7.94E-03	8.57E-02	7.94E-03	8.57E-02	-7.78E-02
COURSE GRID	379500.0	3738500.0	1.58E-02	0	1.58E-02	9.49E-02	-7.91E-02	8.65E-03	9.49E-02	8.65E-03	9.49E-02	-8.63E-02
COURSE GRID	380000.0	3738500.0	1.49E-02	0	1.49E-02	8.88E-02	-7.39E-02	7.98E-03	8.88E-02	7.98E-03	8.88E-02	-8.08E-02
COURSE GRID	380500.0	3738500.0	1.59E-02	0	1.59E-02	9.16E-02	-7.58E-02	8.39E-03	9.16E-02	8.39E-03	9.16E-02	-8.32E-02
COURSE GRID	381000.0	3738500.0	1.69E-02	0	1.69E-02	9.71E-02	-8.02E-02	9.07E-03	9.71E-02	9.07E-03	9.71E-02	-8.80E-02
COURSE GRID	381500.0	3738500.0	1.75E-02	0	1.75E-02	1.08E-01	-9.08E-02	9.66E-03	1.08E-01	9.66E-03	1.08E-01	-9.86E-02
COURSE GRID	382000.0	3738500.0	1.93E-02	0	1.93E-02	1.24E-01	-1.04E-01	1.12E-02	1.24E-01	1.12E-02	1.24E-01	-1.13E-01
COURSE GRID	382500.0	3738500.0	2.01E-02	0	2.01E-02	1.31E-01	-1.11E-01	1.18E-02	1.31E-01	1.18E-02	1.31E-01	-1.19E-01
COURSE GRID	383000.0	3738500.0	2.30E-02	0	2.30E-02	1.53E-01	-1.30E-01	1.39E-02	1.53E-01	1.39E-02	1.53E-01	-1.39E-01
COURSE GRID	383500.0	3738500.0	2.28E-02	0	2.28E-02	1.50E-01	-1.28E-01	1.37E-02	1.50E-01	1.37E-02	1.50E-01	-1.37E-01
COURSE GRID	384000.0	3738500.0	2.50E-02	0	2.50E-02	1.63E-01	-1.38E-01	1.53E-02	1.63E-01	1.53E-02	1.63E-01	-1.47E-01
COURSE GRID	384500.0	3738500.0	2.65E-02	0	2.65E-02	1.72E-01	-1.45E-01	1.58E-02	1.72E-01	1.58E-02	1.72E-01	-1.56E-01
COURSE GRID	385000.0	3738500.0	2.44E-02	0	2.44E-02	1.66E-01	-1.41E-01	1.48E-02	1.66E-01	1.48E-02	1.66E-01	-1.51E-01
COURSE GRID	385500.0	3738500.0	2.76E-02	0	2.76E-02	1.88E-01	-1.61E-01	1.81E-02	1.88E-01	1.81E-02	1.88E-01	-1.70E-01
COURSE GRID	386000.0	3738500.0	3.09E-02	0	3.09E-02	2.20E-01	-1.89E-01	2.08E-02	2.20E-01	2.08E-02	2.20E-01	-1.99E-01
COURSE GRID	386500.0	3738500.0	3.74E-02	0	3.74E-02	2.65E-01	-2.27E-01	2.62E-02	2.65E-01	2.62E-02	2.65E-01	-2.38E-01
COURSE GRID	387000.0	3738500.0	4.10E-02	0	4.10E-02	2.95E-01	-2.54E-01	2.99E-02	2.95E-01	2.99E-02	2.95E-01	-2.65E-01
COURSE GRID	387500.0	3738500.0	4.00E-02	0	4.00E-02	2.86E-01	-2.46E-01	2.93E-02	2.86E-01	2.93E-02	2.86E-01	-2.57E-01
COURSE GRID	388000.0	3738500.0	3.58E-02	0	3.58E-02	2.49E-01	-2.13E-01	2.56E-02	2.49E-01	2.56E-02	2.49E-01	-2.23E-01
COURSE GRID	388500.0	3738500.0	2.61E-02	0	2.61E-02	1.75E-01	-1.49E-01	1.73E-02	1.75E-01	1.73E-02	1.75E-01	-1.57E-01
COURSE GRID	389000.0	3738500.0	2.26E-02	0	2.26E-02	1.50E-01	-1.27E-01	1.43E-02	1.50E-01	1.43E-02	1.50E-01	-1.35E-01
COURSE GRID	389500.0	3738500.0	2.02E-02	0	2.02E-02	1.33E-01	-1.13E-01	1.25E-02	1.33E-01	1.25E-02	1.33E-01	-1.21E-01
COURSE GRID	390000.0	3738500.0	1.78E-02	0	1.78E-02	1.14E-01	-9.65E-02	1.06E-02	1.14E-01	1.06E-02	1.14E-01	-1.04E-01
COURSE GRID	390500.0	3738500.0	1.58E-02	0	1.58E-02	1.02E-01	-8.60E-02	9.14E-03	1.02E-01	9.14E-03	1.02E-01	-9.27E-02
COURSE GRID	391000.0	3738500.0	1.53E-02	0	1.53E-02	9.75E-02	-8.22E-02	8.59E-03	9.75E-02	8.59E-03	9.75E-02	-8.89E-02
COURSE GRID	391500.0	3738500.0	1.43E-02	0	1.43E-02	8.67E-02	-7.24E-02	7.79E-03	8.67E-02	7.79E-03	8.67E-02	-7.89E-02
COURSE GRID	392000.0	3738500.0	1.38E-02	0	1.38E-02	8.01E-02	-6.63E-02	7.32E-03	8.01E-02	7.32E-03	8.01E-02	-7.28E-02
COURSE GRID	392500.0	3738500.0	1.37E-02	0	1.37E-02	7.53E-02	-6.16E-02	7.10E-03	7.53E-02	7.10E-03	7.53E-02	-6.82E-02
COURSE GRID	393000.0	3738500.0	1.34E-02	0	1.34E-02	7.10E-02	-5.76E-02	6.81E-03	7.10E-02	6.81E-03	7.10E-02	-6.42E-02
COURSE GRID	393500.0	3738500.0	1.25E-02	0	1.25E-02	6.51E-02	-5.26E-02	6.34E-03	6.51E-02	6.34E-03	6.51E-02	-5.88E-02
COURSE GRID	377000.0	3739000.0	1.45E-02	0	1.45E-02	7.35E-02	-5.90E-02	6.98E-03	7.35E-02	6.98E-03	7.35E-02	-6.65E-02
COURSE GRID	377500.0	3739000.0	1.26E-02	0	1.26E-02	6.78E-02	-5.52E-02	6.28E-03	6.78E-02	6.28E-03	6.78E-02	-6.15E-02
COURSE GRID	378000.0	3739000.0	1.35E-02	0	1.35E-02	7.84E-02	-6.49E-02	7.25E-03	7.84E-02	7.25E-03	7.84E-02	-7.11E-02
COURSE GRID	378500.0	3739000.0	1.39E-02	0	1.39E-02	7.94E-02	-6.55E-02	7.31E-03	7.94E-02	7.31E-03	7.94E-02	-7.21E-02
COURSE GRID	379000.0	3739000.0	1.41E-02	0	1.41E-02	8.10E-02	-6.69E-02	7.46E-03	8.10E-02	7.46E-03	8.10E-02	-7.35E-02
COURSE GRID	379500.0	3739000.0	1.39E-02	0	1.39E-02	8.25E-02	-6.86E-02	7.41E-03	8.25E-02	7.41E-03	8.25E-02	-7.51E-02
COURSE GRID	380000.0	3739000.0	1.42E-02	0	1.42E-02	8.32E-02	-6.90E-02	7.60E-03	8.32E-02	7.60E-03	8.32E-02	-7.56E-02
COURSE GRID	380500.0	3739000.0	1.53E-02	0	1.53E-02	8.78E-02	-7.25E-02	8.08E-03	8.78E-02	8.08E-03	8.78E-02	-7.97E-02
COURSE GRID	381000.0	3739000.0	1.55E-02	0	1.55E-02	8.87E-02	-7.32E-02	8.11E-03	8.87E-02	8.11E-03	8.87E-02	-8.06E-02
COURSE GRID	381500.0	3739000.0	1.66E-02	0	1.66E-02	9.84E-02	-8.18E-02	9.23E-03	9.84E-02	9.23E-03	9.84E-02	-8.92E-02

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION				REDUCED PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE		
			IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE		
COURSE GRID	382000.0	3739000.0	1.70E-02	1.06E-01	1.70E-02	1.06E-01	-8.90E-02	9.36E-03	1.06E-01	9.36E-03	1.06E-01	-9.66E-02
COURSE GRID	382500.0	3739000.0	1.84E-02	1.18E-01	1.84E-02	1.18E-01	-9.97E-02	1.06E-02	1.18E-01	1.06E-02	1.18E-01	-1.08E-01
COURSE GRID	383000.0	3739000.0	1.99E-02	1.26E-01	1.99E-02	1.26E-01	-1.06E-01	1.15E-02	1.26E-01	1.15E-02	1.26E-01	-1.14E-01
COURSE GRID	383500.0	3739000.0	2.00E-02	1.28E-01	2.00E-02	1.28E-01	-1.08E-01	1.16E-02	1.28E-01	1.16E-02	1.28E-01	-1.17E-01
COURSE GRID	384000.0	3739000.0	2.05E-02	1.28E-01	2.05E-02	1.28E-01	-1.07E-01	1.20E-02	1.28E-01	1.20E-02	1.28E-01	-1.16E-01
COURSE GRID	384500.0	3739000.0	2.35E-02	1.48E-01	2.35E-02	1.48E-01	-1.24E-01	1.37E-02	1.48E-01	1.37E-02	1.48E-01	-1.34E-01
COURSE GRID	385000.0	3739000.0	2.35E-02	1.53E-01	2.35E-02	1.53E-01	-1.30E-01	1.41E-02	1.53E-01	1.41E-02	1.53E-01	-1.39E-01
COURSE GRID	385500.0	3739000.0	2.40E-02	1.62E-01	2.40E-02	1.62E-01	-1.38E-01	1.52E-02	1.62E-01	1.52E-02	1.62E-01	-1.47E-01
COURSE GRID	386000.0	3739000.0	2.51E-02	1.72E-01	2.51E-02	1.72E-01	-1.47E-01	1.62E-02	1.72E-01	1.62E-02	1.72E-01	-1.56E-01
COURSE GRID	386500.0	3739000.0	2.90E-02	1.99E-01	2.90E-02	1.99E-01	-1.70E-01	1.93E-02	1.99E-01	1.93E-02	1.99E-01	-1.80E-01
COURSE GRID	387000.0	3739000.0	3.04E-02	2.09E-01	3.04E-02	2.09E-01	-1.78E-01	2.07E-02	2.09E-01	2.07E-02	2.09E-01	-1.88E-01
COURSE GRID	387500.0	3739000.0	2.95E-02	2.00E-01	2.95E-02	2.00E-01	-1.70E-01	2.00E-02	2.00E-01	2.00E-02	2.00E-01	-1.80E-01
COURSE GRID	388000.0	3739000.0	2.72E-02	1.78E-01	2.72E-02	1.78E-01	-1.50E-01	1.78E-02	1.78E-01	1.78E-02	1.78E-01	-1.60E-01
COURSE GRID	388500.0	3739000.0	2.37E-02	1.52E-01	2.37E-02	1.52E-01	-1.29E-01	1.50E-02	1.52E-01	1.50E-02	1.52E-01	-1.37E-01
COURSE GRID	389000.0	3739000.0	2.11E-02	1.35E-01	2.11E-02	1.35E-01	-1.14E-01	1.32E-02	1.35E-01	1.32E-02	1.35E-01	-1.22E-01
COURSE GRID	389500.0	3739000.0	1.75E-02	1.09E-01	1.75E-02	1.09E-01	-9.19E-02	1.02E-02	1.09E-01	1.02E-02	1.09E-01	-9.92E-02
COURSE GRID	390000.0	3739000.0	1.66E-02	1.05E-01	1.66E-02	1.05E-01	-8.80E-02	9.60E-03	1.05E-01	9.60E-03	1.05E-01	-9.49E-02
COURSE GRID	390500.0	3739000.0	1.57E-02	1.01E-01	1.57E-02	1.01E-01	-8.48E-02	9.14E-03	1.01E-01	9.14E-03	1.01E-01	-9.14E-02
COURSE GRID	391000.0	3739000.0	1.45E-02	9.30E-02	1.45E-02	9.30E-02	-7.86E-02	8.18E-03	9.30E-02	8.18E-03	9.30E-02	-8.48E-02
COURSE GRID	391500.0	3739000.0	1.39E-02	8.76E-02	1.39E-02	8.76E-02	-7.37E-02	7.68E-03	8.76E-02	7.68E-03	8.76E-02	-7.99E-02
COURSE GRID	392000.0	3739000.0	1.36E-02	8.19E-02	1.36E-02	8.19E-02	-6.83E-02	7.46E-03	8.19E-02	7.46E-03	8.19E-02	-7.44E-02
COURSE GRID	392500.0	3739000.0	1.27E-02	7.08E-02	1.27E-02	7.08E-02	-5.81E-02	6.75E-03	7.08E-02	6.75E-03	7.08E-02	-6.40E-02
COURSE GRID	393000.0	3739000.0	1.29E-02	7.08E-02	1.29E-02	7.08E-02	-5.79E-02	6.71E-03	7.08E-02	6.71E-03	7.08E-02	-6.41E-02
COURSE GRID	393500.0	3739000.0	1.26E-02	6.61E-02	1.26E-02	6.61E-02	-5.35E-02	6.38E-03	6.61E-02	6.38E-03	6.61E-02	-5.97E-02
COURSE GRID	377000.0	3739500.0	1.25E-02	6.53E-02	1.25E-02	6.53E-02	-5.28E-02	6.20E-03	6.53E-02	6.20E-03	6.53E-02	-5.91E-02
COURSE GRID	377500.0	3739500.0	1.19E-02	6.74E-02	1.19E-02	6.74E-02	-5.55E-02	6.22E-03	6.74E-02	6.22E-03	6.74E-02	-6.12E-02
COURSE GRID	378000.0	3739500.0	1.16E-02	6.78E-02	1.16E-02	6.78E-02	-5.62E-02	6.01E-03	6.78E-02	6.01E-03	6.78E-02	-6.18E-02
COURSE GRID	378500.0	3739500.0	1.27E-02	7.23E-02	1.27E-02	7.23E-02	-5.96E-02	6.59E-03	7.23E-02	6.59E-03	7.23E-02	-6.57E-02
COURSE GRID	379000.0	3739500.0	1.30E-02	7.54E-02	1.30E-02	7.54E-02	-6.24E-02	6.85E-03	7.54E-02	6.85E-03	7.54E-02	-6.86E-02
COURSE GRID	379500.0	3739500.0	1.31E-02	7.64E-02	1.31E-02	7.64E-02	-6.33E-02	6.94E-03	7.64E-02	6.94E-03	7.64E-02	-6.95E-02
COURSE GRID	380000.0	3739500.0	1.35E-02	7.70E-02	1.35E-02	7.70E-02	-6.36E-02	6.96E-03	7.70E-02	6.96E-03	7.70E-02	-7.00E-02
COURSE GRID	380500.0	3739500.0	1.43E-02	8.02E-02	1.43E-02	8.02E-02	-6.59E-02	7.35E-03	8.02E-02	7.35E-03	8.02E-02	-7.29E-02
COURSE GRID	381000.0	3739500.0	1.54E-02	9.10E-02	1.54E-02	9.10E-02	-7.56E-02	8.30E-03	9.10E-02	8.30E-03	9.10E-02	-8.27E-02
COURSE GRID	381500.0	3739500.0	1.52E-02	9.21E-02	1.52E-02	9.21E-02	-7.69E-02	8.14E-03	9.21E-02	8.14E-03	9.21E-02	-8.40E-02
COURSE GRID	382000.0	3739500.0	1.61E-02	9.74E-02	1.61E-02	9.74E-02	-8.14E-02	8.79E-03	9.74E-02	8.79E-03	9.74E-02	-8.86E-02
COURSE GRID	382500.0	3739500.0	1.69E-02	1.05E-01	1.69E-02	1.05E-01	-8.77E-02	9.48E-03	1.05E-01	9.48E-03	1.05E-01	-9.50E-02
COURSE GRID	383000.0	3739500.0	1.79E-02	1.11E-01	1.79E-02	1.11E-01	-9.31E-02	1.01E-02	1.11E-01	1.01E-02	1.11E-01	-1.01E-01
COURSE GRID	383500.0	3739500.0	1.86E-02	1.17E-01	1.86E-02	1.17E-01	-9.86E-02	1.07E-02	1.17E-01	1.07E-02	1.17E-01	-1.07E-01
COURSE GRID	384000.0	3739500.0	1.92E-02	1.17E-01	1.92E-02	1.17E-01	-9.79E-02	1.11E-02	1.17E-01	1.11E-02	1.17E-01	-1.06E-01
COURSE GRID	384500.0	3739500.0	2.07E-02	1.27E-01	2.07E-02	1.27E-01	-1.06E-01	1.18E-02	1.27E-01	1.18E-02	1.27E-01	-1.15E-01

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	385000.0	3739500.0	2.03E-02	0	2.03E-02	1.27E-01	-1.06E-01	1.16E-02	0	1.16E-02	1.27E-01	-1.15E-01
COURSE GRID	385500.0	3739500.0	1.99E-02	0	1.99E-02	1.30E-01	-1.10E-01	1.21E-02	0	1.21E-02	1.30E-01	-1.18E-01
COURSE GRID	386000.0	3739500.0	2.29E-02	0	2.29E-02	1.53E-01	-1.30E-01	1.47E-02	0	1.47E-02	1.53E-01	-1.38E-01
COURSE GRID	386500.0	3739500.0	2.40E-02	0	2.40E-02	1.63E-01	-1.39E-01	1.54E-02	0	1.54E-02	1.63E-01	-1.48E-01
COURSE GRID	387000.0	3739500.0	2.47E-02	0	2.47E-02	1.62E-01	-1.38E-01	1.57E-02	0	1.57E-02	1.62E-01	-1.47E-01
COURSE GRID	387500.0	3739500.0	2.22E-02	0	2.22E-02	1.43E-01	-1.21E-01	1.39E-02	0	1.39E-02	1.43E-01	-1.29E-01
COURSE GRID	388000.0	3739500.0	2.18E-02	0	2.18E-02	1.36E-01	-1.14E-01	1.33E-02	0	1.33E-02	1.36E-01	-1.23E-01
COURSE GRID	388500.0	3739500.0	2.08E-02	0	2.08E-02	1.26E-01	-1.05E-01	1.23E-02	0	1.23E-02	1.26E-01	-1.14E-01
COURSE GRID	389000.0	3739500.0	1.93E-02	0	1.93E-02	1.19E-01	-9.98E-02	1.16E-02	0	1.16E-02	1.19E-01	-1.08E-01
COURSE GRID	389500.0	3739500.0	1.75E-02	0	1.75E-02	1.07E-01	-8.97E-02	1.03E-02	0	1.03E-02	1.07E-01	-9.69E-02
COURSE GRID	390000.0	3739500.0	1.55E-02	0	1.55E-02	9.45E-02	-7.90E-02	8.83E-03	0	8.83E-03	9.45E-02	-8.57E-02
COURSE GRID	390500.0	3739500.0	1.44E-02	0	1.44E-02	8.94E-02	-7.50E-02	8.00E-03	0	8.00E-03	8.94E-02	-8.14E-02
COURSE GRID	391000.0	3739500.0	1.35E-02	0	1.35E-02	8.62E-02	-7.27E-02	7.46E-03	0	7.46E-03	8.62E-02	-7.87E-02
COURSE GRID	391500.0	3739500.0	1.29E-02	0	1.29E-02	8.15E-02	-6.86E-02	7.11E-03	0	7.11E-03	8.15E-02	-7.44E-02
COURSE GRID	392000.0	3739500.0	1.29E-02	0	1.29E-02	7.86E-02	-6.57E-02	7.12E-03	0	7.12E-03	7.86E-02	-7.15E-02
COURSE GRID	392500.0	3739500.0	1.25E-02	0	1.25E-02	7.31E-02	-6.06E-02	6.79E-03	0	6.79E-03	7.31E-02	-6.63E-02
COURSE GRID	393000.0	3739500.0	1.21E-02	0	1.21E-02	7.04E-02	-5.83E-02	6.56E-03	0	6.56E-03	7.04E-02	-6.38E-02
COURSE GRID	393500.0	3739500.0	1.24E-02	0	1.24E-02	6.84E-02	-5.60E-02	6.61E-03	0	6.61E-03	6.84E-02	-6.18E-02
COURSE GRID	377000.0	3740000.0	1.07E-02	0	1.07E-02	5.93E-02	-4.86E-02	5.38E-03	0	5.38E-03	5.93E-02	-5.39E-02
COURSE GRID	377500.0	3740000.0	1.11E-02	0	1.11E-02	6.43E-02	-5.32E-02	5.77E-03	0	5.77E-03	6.43E-02	-5.85E-02
COURSE GRID	378000.0	3740000.0	1.15E-02	0	1.15E-02	6.43E-02	-5.28E-02	5.93E-03	0	5.93E-03	6.43E-02	-5.84E-02
COURSE GRID	378500.0	3740000.0	1.18E-02	0	1.18E-02	6.68E-02	-5.50E-02	6.04E-03	0	6.04E-03	6.68E-02	-6.08E-02
COURSE GRID	379000.0	3740000.0	1.24E-02	0	1.24E-02	7.27E-02	-6.03E-02	6.59E-03	0	6.59E-03	7.27E-02	-6.61E-02
COURSE GRID	379500.0	3740000.0	1.25E-02	0	1.25E-02	7.31E-02	-6.06E-02	6.60E-03	0	6.60E-03	7.31E-02	-6.65E-02
COURSE GRID	380000.0	3740000.0	1.31E-02	0	1.31E-02	7.33E-02	-6.02E-02	6.72E-03	0	6.72E-03	7.33E-02	-6.66E-02
COURSE GRID	380500.0	3740000.0	1.44E-02	0	1.44E-02	8.22E-02	-6.78E-02	7.58E-03	0	7.58E-03	8.22E-02	-7.46E-02
COURSE GRID	381000.0	3740000.0	1.41E-02	0	1.41E-02	8.14E-02	-6.73E-02	7.52E-03	0	7.52E-03	8.14E-02	-7.39E-02
COURSE GRID	381500.0	3740000.0	1.45E-02	0	1.45E-02	8.76E-02	-7.31E-02	7.80E-03	0	7.80E-03	8.76E-02	-7.98E-02
COURSE GRID	382000.0	3740000.0	1.51E-02	0	1.51E-02	9.24E-02	-7.73E-02	8.23E-03	0	8.23E-03	9.24E-02	-8.42E-02
COURSE GRID	382500.0	3740000.0	1.59E-02	0	1.59E-02	9.64E-02	-8.05E-02	8.89E-03	0	8.89E-03	9.64E-02	-8.75E-02
COURSE GRID	383000.0	3740000.0	1.64E-02	0	1.64E-02	9.98E-02	-8.34E-02	9.12E-03	0	9.12E-03	9.98E-02	-9.07E-02
COURSE GRID	383500.0	3740000.0	1.69E-02	0	1.69E-02	1.02E-01	-8.54E-02	9.57E-03	0	9.57E-03	1.02E-01	-9.26E-02
COURSE GRID	384000.0	3740000.0	1.68E-02	0	1.68E-02	1.00E-01	-8.34E-02	9.35E-03	0	9.35E-03	1.00E-01	-9.08E-02
COURSE GRID	384500.0	3740000.0	1.83E-02	0	1.83E-02	1.09E-01	-9.11E-02	1.01E-02	0	1.01E-02	1.09E-01	-9.92E-02
COURSE GRID	385000.0	3740000.0	1.93E-02	0	1.93E-02	1.19E-01	-9.94E-02	1.08E-02	0	1.08E-02	1.19E-01	-1.08E-01
COURSE GRID	385500.0	3740000.0	1.84E-02	0	1.84E-02	1.21E-01	-1.02E-01	1.10E-02	0	1.10E-02	1.21E-01	-1.10E-01
COURSE GRID	386000.0	3740000.0	1.95E-02	0	1.95E-02	1.26E-01	-1.06E-01	1.19E-02	0	1.19E-02	1.26E-01	-1.14E-01
COURSE GRID	386500.0	3740000.0	2.01E-02	0	2.01E-02	1.31E-01	-1.11E-01	1.24E-02	0	1.24E-02	1.31E-01	-1.19E-01
COURSE GRID	387000.0	3740000.0	2.11E-02	0	2.11E-02	1.39E-01	-1.17E-01	1.30E-02	0	1.30E-02	1.39E-01	-1.26E-01
COURSE GRID	387500.0	3740000.0	2.01E-02	0	2.01E-02	1.28E-01	-1.08E-01	1.21E-02	0	1.21E-02	1.28E-01	-1.16E-01

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	388000.0	3740000.0	2.02E-02	0	2.02E-02	1.25E-01	-1.05E-01	1.23E-02	0	1.23E-02	1.25E-01	-1.12E-01
COURSE GRID	388500.0	3740000.0	1.83E-02	0	1.83E-02	1.07E-01	-8.91E-02	1.04E-02	0	1.04E-02	1.07E-01	-9.70E-02
COURSE GRID	389000.0	3740000.0	1.73E-02	0	1.73E-02	9.99E-02	-8.26E-02	9.65E-03	0	9.65E-03	9.99E-02	-9.03E-02
COURSE GRID	389500.0	3740000.0	1.66E-02	0	1.66E-02	1.00E-01	-8.36E-02	9.57E-03	0	9.57E-03	1.00E-01	-9.06E-02
COURSE GRID	390000.0	3740000.0	1.52E-02	0	1.52E-02	9.07E-02	-7.55E-02	8.64E-03	0	8.64E-03	9.07E-02	-8.21E-02
COURSE GRID	390500.0	3740000.0	1.43E-02	0	1.43E-02	8.68E-02	-7.25E-02	8.09E-03	0	8.09E-03	8.68E-02	-7.87E-02
COURSE GRID	391000.0	3740000.0	1.32E-02	0	1.32E-02	8.17E-02	-6.85E-02	7.22E-03	0	7.22E-03	8.17E-02	-7.45E-02
COURSE GRID	391500.0	3740000.0	1.23E-02	0	1.23E-02	7.81E-02	-6.58E-02	6.68E-03	0	6.68E-03	7.81E-02	-7.14E-02
COURSE GRID	392000.0	3740000.0	1.22E-02	0	1.22E-02	7.62E-02	-6.40E-02	6.77E-03	0	6.77E-03	7.62E-02	-6.94E-02
COURSE GRID	392500.0	3740000.0	1.25E-02	0	1.25E-02	7.46E-02	-6.21E-02	6.98E-03	0	6.98E-03	7.46E-02	-6.76E-02
COURSE GRID	393000.0	3740000.0	1.21E-02	0	1.21E-02	7.01E-02	-5.80E-02	6.62E-03	0	6.62E-03	7.01E-02	-6.35E-02
COURSE GRID	393500.0	3740000.0	1.15E-02	0	1.15E-02	6.71E-02	-5.56E-02	6.25E-03	0	6.25E-03	6.71E-02	-6.08E-02
COURSE GRID	377000.0	3740500.0	1.01E-02	0	1.01E-02	5.81E-02	-4.80E-02	5.21E-03	0	5.21E-03	5.81E-02	-5.29E-02
COURSE GRID	377500.0	3740500.0	1.10E-02	0	1.10E-02	6.18E-02	-5.09E-02	5.69E-03	0	5.69E-03	6.18E-02	-5.61E-02
COURSE GRID	378000.0	3740500.0	1.15E-02	0	1.15E-02	6.51E-02	-5.36E-02	5.89E-03	0	5.89E-03	6.51E-02	-5.92E-02
COURSE GRID	378500.0	3740500.0	1.15E-02	0	1.15E-02	6.45E-02	-5.31E-02	5.97E-03	0	5.97E-03	6.45E-02	-5.85E-02
COURSE GRID	379000.0	3740500.0	1.17E-02	0	1.17E-02	6.68E-02	-5.51E-02	6.10E-03	0	6.10E-03	6.68E-02	-6.07E-02
COURSE GRID	379500.0	3740500.0	1.21E-02	0	1.21E-02	6.80E-02	-5.59E-02	6.27E-03	0	6.27E-03	6.80E-02	-6.17E-02
COURSE GRID	380000.0	3740500.0	1.33E-02	0	1.33E-02	7.58E-02	-6.25E-02	6.92E-03	0	6.92E-03	7.58E-02	-6.89E-02
COURSE GRID	380500.0	3740500.0	1.34E-02	0	1.34E-02	7.59E-02	-6.25E-02	6.97E-03	0	6.97E-03	7.59E-02	-6.89E-02
COURSE GRID	381000.0	3740500.0	1.29E-02	0	1.29E-02	7.55E-02	-6.26E-02	6.74E-03	0	6.74E-03	7.55E-02	-6.88E-02
COURSE GRID	381500.0	3740500.0	1.32E-02	0	1.32E-02	7.78E-02	-6.47E-02	7.01E-03	0	7.01E-03	7.78E-02	-7.08E-02
COURSE GRID	382000.0	3740500.0	1.46E-02	0	1.46E-02	9.00E-02	-7.54E-02	8.08E-03	0	8.08E-03	9.00E-02	-8.19E-02
COURSE GRID	382500.0	3740500.0	1.51E-02	0	1.51E-02	9.18E-02	-7.67E-02	8.45E-03	0	8.45E-03	9.18E-02	-8.33E-02
COURSE GRID	383000.0	3740500.0	1.57E-02	0	1.57E-02	9.40E-02	-7.83E-02	8.77E-03	0	8.77E-03	9.40E-02	-8.52E-02
COURSE GRID	383500.0	3740500.0	1.53E-02	0	1.53E-02	9.07E-02	-7.54E-02	8.44E-03	0	8.44E-03	9.07E-02	-8.23E-02
COURSE GRID	384000.0	3740500.0	1.64E-02	0	1.64E-02	9.89E-02	-8.25E-02	9.22E-03	0	9.22E-03	9.89E-02	-8.97E-02
COURSE GRID	384500.0	3740500.0	1.69E-02	0	1.69E-02	9.95E-02	-8.27E-02	9.17E-03	0	9.17E-03	9.95E-02	-9.03E-02
COURSE GRID	385000.0	3740500.0	1.81E-02	0	1.81E-02	1.08E-01	-8.94E-02	9.94E-03	0	9.94E-03	1.08E-01	-9.76E-02
COURSE GRID	385500.0	3740500.0	1.71E-02	0	1.71E-02	1.06E-01	-8.88E-02	9.90E-03	0	9.90E-03	1.06E-01	-9.60E-02
COURSE GRID	386000.0	3740500.0	1.69E-02	0	1.69E-02	1.05E-01	-8.79E-02	9.94E-03	0	9.94E-03	1.05E-01	-9.49E-02
COURSE GRID	386500.0	3740500.0	1.76E-02	0	1.76E-02	1.12E-01	-9.47E-02	1.06E-02	0	1.06E-02	1.12E-01	-1.02E-01
COURSE GRID	387000.0	3740500.0	1.82E-02	0	1.82E-02	1.15E-01	-9.72E-02	1.08E-02	0	1.08E-02	1.15E-01	-1.05E-01
COURSE GRID	387500.0	3740500.0	1.83E-02	0	1.83E-02	1.12E-01	-9.39E-02	1.06E-02	0	1.06E-02	1.12E-01	-1.02E-01
COURSE GRID	388000.0	3740500.0	1.69E-02	0	1.69E-02	1.03E-01	-8.58E-02	9.62E-03	0	9.62E-03	1.03E-01	-9.31E-02
COURSE GRID	388500.0	3740500.0	1.69E-02	0	1.69E-02	9.69E-02	-8.00E-02	9.52E-03	0	9.52E-03	9.69E-02	-8.74E-02
COURSE GRID	389000.0	3740500.0	1.58E-02	0	1.58E-02	8.82E-02	-7.24E-02	8.51E-03	0	8.51E-03	8.82E-02	-7.97E-02
COURSE GRID	389500.0	3740500.0	1.56E-02	0	1.56E-02	8.96E-02	-7.39E-02	8.61E-03	0	8.61E-03	8.96E-02	-8.09E-02
COURSE GRID	390000.0	3740500.0	1.47E-02	0	1.47E-02	8.79E-02	-7.32E-02	8.25E-03	0	8.25E-03	8.79E-02	-7.97E-02
COURSE GRID	390500.0	3740500.0	1.38E-02	0	1.38E-02	8.12E-02	-6.74E-02	7.67E-03	0	7.67E-03	8.12E-02	-7.35E-02

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION				REDUCED PROJECT - WITH MITIGATION					
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE		
			IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE		
COURSE GRID	391000.0	3740500.0	1.31E-02	8.01E-02	1.31E-02	8.01E-02	-6.70E-02	8.01E-02	7.29E-03	8.01E-02	-7.28E-02	8.01E-02
COURSE GRID	391500.0	3740500.0	1.28E-02	8.01E-02	1.28E-02	8.01E-02	-5.68E-02	8.01E-02	7.19E-03	8.01E-02	-7.29E-02	8.01E-02
COURSE GRID	392000.0	3740500.0	1.07E-02	6.75E-02	1.07E-02	6.75E-02	-4.84E-02	6.75E-02	6.14E-03	6.75E-02	-6.14E-02	6.75E-02
COURSE GRID	392500.0	3740500.0	9.65E-03	5.80E-02	9.65E-03	5.80E-02	-5.48E-02	5.80E-02	5.28E-03	5.80E-02	-5.27E-02	5.80E-02
COURSE GRID	393000.0	3740500.0	1.13E-02	6.61E-02	1.13E-02	6.61E-02	-5.00E-02	6.61E-02	6.18E-03	6.61E-02	-5.99E-02	6.61E-02
COURSE GRID	393500.0	3740500.0	1.10E-02	6.10E-02	1.10E-02	6.10E-02	-4.50E-02	6.10E-02	5.83E-03	6.10E-02	-5.52E-02	6.10E-02
COURSE GRID	377000.0	3741000.0	9.88E-03	5.49E-02	9.88E-03	5.49E-02	-5.04E-02	5.49E-02	5.03E-03	5.49E-02	-4.99E-02	5.49E-02
COURSE GRID	377500.0	3741000.0	1.09E-02	6.13E-02	1.09E-02	6.13E-02	-4.94E-02	6.13E-02	5.57E-03	6.13E-02	-5.57E-02	6.13E-02
COURSE GRID	378000.0	3741000.0	1.10E-02	6.04E-02	1.10E-02	6.04E-02	-4.96E-02	6.04E-02	5.63E-03	6.04E-02	-5.48E-02	6.04E-02
COURSE GRID	378500.0	3741000.0	1.07E-02	6.03E-02	1.07E-02	6.03E-02	-5.36E-02	6.03E-02	5.49E-03	6.03E-02	-5.48E-02	6.03E-02
COURSE GRID	379000.0	3741000.0	1.13E-02	6.49E-02	1.13E-02	6.49E-02	-5.41E-02	6.49E-02	5.95E-03	6.49E-02	-5.90E-02	6.49E-02
COURSE GRID	379500.0	3741000.0	1.18E-02	6.59E-02	1.18E-02	6.59E-02	-5.93E-02	6.59E-02	5.98E-03	6.59E-02	-5.99E-02	6.59E-02
COURSE GRID	380000.0	3741000.0	1.25E-02	7.18E-02	1.25E-02	7.18E-02	-6.84E-02	7.18E-02	6.36E-03	7.18E-02	-6.54E-02	7.18E-02
COURSE GRID	380500.0	3741000.0	1.22E-02	6.75E-02	1.22E-02	6.75E-02	-6.89E-02	6.75E-02	6.25E-03	6.75E-02	-6.13E-02	6.75E-02
COURSE GRID	381000.0	3741000.0	1.27E-02	7.49E-02	1.27E-02	7.49E-02	-7.78E-02	7.49E-02	6.72E-03	7.49E-02	-6.82E-02	7.49E-02
COURSE GRID	381500.0	3741000.0	1.28E-02	7.61E-02	1.28E-02	7.61E-02	-7.44E-02	7.61E-02	6.88E-03	7.61E-02	-6.92E-02	7.61E-02
COURSE GRID	382000.0	3741000.0	1.35E-02	8.19E-02	1.35E-02	8.19E-02	-8.04E-02	8.19E-02	7.35E-03	8.19E-02	-7.46E-02	8.19E-02
COURSE GRID	382500.0	3741000.0	1.40E-02	8.28E-02	1.40E-02	8.28E-02	-7.99E-02	8.28E-02	7.67E-03	8.28E-02	-7.51E-02	8.28E-02
COURSE GRID	383000.0	3741000.0	1.45E-02	8.47E-02	1.45E-02	8.47E-02	-7.48E-02	8.47E-02	7.96E-03	8.47E-02	-7.67E-02	8.47E-02
COURSE GRID	383500.0	3741000.0	1.43E-02	8.42E-02	1.43E-02	8.42E-02	-7.44E-02	8.42E-02	7.82E-03	8.42E-02	-7.64E-02	8.42E-02
COURSE GRID	384000.0	3741000.0	1.55E-02	9.33E-02	1.55E-02	9.33E-02	-8.29E-02	9.33E-02	8.63E-03	9.33E-02	-8.47E-02	9.33E-02
COURSE GRID	384500.0	3741000.0	1.54E-02	8.98E-02	1.54E-02	8.98E-02	-8.42E-02	8.98E-02	8.35E-03	8.98E-02	-8.14E-02	8.98E-02
COURSE GRID	385000.0	3741000.0	1.62E-02	9.10E-02	1.62E-02	9.10E-02	-8.81E-02	9.10E-02	8.52E-03	9.10E-02	-8.25E-02	9.10E-02
COURSE GRID	385500.0	3741000.0	1.59E-02	9.58E-02	1.59E-02	9.58E-02	-8.04E-02	9.58E-02	8.87E-03	9.58E-02	-8.69E-02	9.58E-02
COURSE GRID	386000.0	3741000.0	1.57E-02	9.86E-02	1.57E-02	9.86E-02	-6.54E-02	9.86E-02	9.16E-03	9.86E-02	-8.94E-02	9.86E-02
COURSE GRID	386500.0	3741000.0	1.60E-02	1.00E-01	1.60E-02	1.00E-01	-6.88E-02	1.00E-01	9.39E-03	1.00E-01	-9.09E-02	1.00E-01
COURSE GRID	387000.0	3741000.0	1.62E-02	9.99E-02	1.62E-02	9.99E-02	-6.96E-02	9.99E-02	9.32E-03	9.99E-02	-9.06E-02	9.99E-02
COURSE GRID	387500.0	3741000.0	1.70E-02	1.05E-01	1.70E-02	1.05E-01	-8.04E-02	1.05E-01	9.79E-03	1.05E-01	-9.53E-02	1.05E-01
COURSE GRID	388000.0	3741000.0	1.62E-02	9.66E-02	1.62E-02	9.66E-02	-7.89E-02	9.66E-02	9.12E-03	9.66E-02	-8.75E-02	9.66E-02
COURSE GRID	388500.0	3741000.0	1.60E-02	9.48E-02	1.60E-02	9.48E-02	-6.98E-02	9.48E-02	8.97E-03	9.48E-02	-8.58E-02	9.48E-02
COURSE GRID	389000.0	3741000.0	1.54E-02	8.52E-02	1.54E-02	8.52E-02	-6.53E-02	8.52E-02	8.41E-03	8.52E-02	-7.68E-02	8.52E-02
COURSE GRID	389500.0	3741000.0	1.46E-02	7.99E-02	1.46E-02	7.99E-02	-6.54E-02	7.99E-02	7.63E-03	7.99E-02	-7.23E-02	7.99E-02
COURSE GRID	390000.0	3741000.0	1.40E-02	7.94E-02	1.40E-02	7.94E-02	-6.88E-02	7.94E-02	7.58E-03	7.94E-02	-7.18E-02	7.94E-02
COURSE GRID	390500.0	3741000.0	1.38E-02	8.26E-02	1.38E-02	8.26E-02	-6.35E-02	8.26E-02	7.66E-03	8.26E-02	-7.49E-02	8.26E-02
COURSE GRID	391000.0	3741000.0	1.28E-02	7.63E-02	1.28E-02	7.63E-02	-6.96E-02	7.63E-02	7.05E-03	7.63E-02	-6.93E-02	7.63E-02
COURSE GRID	391500.0	3741000.0	1.31E-02	8.27E-02	1.31E-02	8.27E-02	-6.18E-02	8.27E-02	7.41E-03	8.27E-02	-6.71E-02	8.27E-02
COURSE GRID	392000.0	3741000.0	1.20E-02	7.38E-02	1.20E-02	7.38E-02	-5.40E-02	7.38E-02	6.70E-03	7.38E-02	-6.71E-02	7.38E-02
COURSE GRID	392500.0	3741000.0	1.08E-02	6.48E-02	1.08E-02	6.48E-02	-5.20E-02	6.48E-02	5.92E-03	6.48E-02	-5.89E-02	6.48E-02
COURSE GRID	393000.0	3741000.0	1.05E-02	6.25E-02	1.05E-02	6.25E-02	-4.77E-02	6.25E-02	5.74E-03	6.25E-02	-5.68E-02	6.25E-02
COURSE GRID	393500.0	3741000.0	1.01E-02	5.78E-02	1.01E-02	5.78E-02	-4.77E-02	5.78E-02	5.23E-03	5.78E-02	-5.26E-02	5.78E-02

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION			REDUCED PROJECT - WITH MITIGATION						
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	377000.0	3741500.0	1.00E-02	0	1.00E-02	5.62E-02	-4.62E-02	5.06E-03	0	5.06E-03	5.62E-02	-5.11E-02
COURSE GRID	377500.0	3741500.0	1.06E-02	0	1.06E-02	5.87E-02	-4.81E-02	5.47E-03	0	5.47E-03	5.87E-02	-5.32E-02
COURSE GRID	378000.0	3741500.0	1.03E-02	0	1.03E-02	5.75E-02	-4.72E-02	5.28E-03	0	5.28E-03	5.75E-02	-5.22E-02
COURSE GRID	378500.0	3741500.0	1.05E-02	0	1.05E-02	5.85E-02	-4.80E-02	5.33E-03	0	5.33E-03	5.85E-02	-5.32E-02
COURSE GRID	379000.0	3741500.0	1.11E-02	0	1.11E-02	6.37E-02	-5.26E-02	5.78E-03	0	5.78E-03	6.37E-02	-5.79E-02
COURSE GRID	379500.0	3741500.0	1.15E-02	0	1.15E-02	6.35E-02	-5.20E-02	5.76E-03	0	5.76E-03	6.35E-02	-5.77E-02
COURSE GRID	380000.0	3741500.0	1.18E-02	0	1.18E-02	6.47E-02	-5.29E-02	5.96E-03	0	5.96E-03	6.47E-02	-5.87E-02
COURSE GRID	380500.0	3741500.0	1.19E-02	0	1.19E-02	6.86E-02	-5.67E-02	6.19E-03	0	6.19E-03	6.86E-02	-6.24E-02
COURSE GRID	381000.0	3741500.0	1.21E-02	0	1.21E-02	7.12E-02	-5.91E-02	6.41E-03	0	6.41E-03	7.12E-02	-6.48E-02
COURSE GRID	381500.0	3741500.0	1.23E-02	0	1.23E-02	7.32E-02	-6.09E-02	6.57E-03	0	6.57E-03	7.32E-02	-6.66E-02
COURSE GRID	382000.0	3741500.0	1.27E-02	0	1.27E-02	7.46E-02	-6.20E-02	6.83E-03	0	6.83E-03	7.46E-02	-6.78E-02
COURSE GRID	382500.0	3741500.0	1.28E-02	0	1.28E-02	7.38E-02	-6.10E-02	6.86E-03	0	6.86E-03	7.38E-02	-6.69E-02
COURSE GRID	383000.0	3741500.0	1.34E-02	0	1.34E-02	7.64E-02	-6.30E-02	7.19E-03	0	7.19E-03	7.64E-02	-6.92E-02
COURSE GRID	383500.0	3741500.0	1.36E-02	0	1.36E-02	7.89E-02	-6.53E-02	7.37E-03	0	7.37E-03	7.89E-02	-7.15E-02
COURSE GRID	384000.0	3741500.0	1.40E-02	0	1.40E-02	8.30E-02	-6.90E-02	7.60E-03	0	7.60E-03	8.30E-02	-7.54E-02
COURSE GRID	384500.0	3741500.0	1.47E-02	0	1.47E-02	8.50E-02	-7.04E-02	8.03E-03	0	8.03E-03	8.50E-02	-7.70E-02
COURSE GRID	385000.0	3741500.0	1.55E-02	0	1.55E-02	8.79E-02	-7.24E-02	8.02E-03	0	8.02E-03	8.79E-02	-7.99E-02
COURSE GRID	385500.0	3741500.0	1.53E-02	0	1.53E-02	8.90E-02	-7.37E-02	8.34E-03	0	8.34E-03	8.90E-02	-8.07E-02
COURSE GRID	386000.0	3741500.0	1.50E-02	0	1.50E-02	9.33E-02	-7.83E-02	8.71E-03	0	8.71E-03	9.33E-02	-8.46E-02
COURSE GRID	386500.0	3741500.0	1.45E-02	0	1.45E-02	8.66E-02	-7.31E-02	8.28E-03	0	8.28E-03	8.66E-02	-7.93E-02
COURSE GRID	387000.0	3741500.0	1.49E-02	0	1.49E-02	8.95E-02	-7.46E-02	8.45E-03	0	8.45E-03	8.95E-02	-8.10E-02
COURSE GRID	387500.0	3741500.0	1.51E-02	0	1.51E-02	9.03E-02	-7.52E-02	8.48E-03	0	8.48E-03	9.03E-02	-8.18E-02
COURSE GRID	388000.0	3741500.0	1.55E-02	0	1.55E-02	9.40E-02	-7.85E-02	8.64E-03	0	8.64E-03	9.40E-02	-8.54E-02
COURSE GRID	388500.0	3741500.0	1.39E-02	0	1.39E-02	7.96E-02	-6.57E-02	7.44E-03	0	7.44E-03	7.96E-02	-7.22E-02
COURSE GRID	389000.0	3741500.0	1.45E-02	0	1.45E-02	8.32E-02	-6.87E-02	7.94E-03	0	7.94E-03	8.32E-02	-7.53E-02
COURSE GRID	389500.0	3741500.0	1.40E-02	0	1.40E-02	7.38E-02	-5.99E-02	7.27E-03	0	7.27E-03	7.38E-02	-6.65E-02
COURSE GRID	390000.0	3741500.0	1.35E-02	0	1.35E-02	7.34E-02	-5.99E-02	6.99E-03	0	6.99E-03	7.34E-02	-6.64E-02
COURSE GRID	390500.0	3741500.0	1.31E-02	0	1.31E-02	7.45E-02	-6.14E-02	7.08E-03	0	7.08E-03	7.45E-02	-6.74E-02
COURSE GRID	391000.0	3741500.0	1.28E-02	0	1.28E-02	7.72E-02	-6.44E-02	7.02E-03	0	7.02E-03	7.72E-02	-7.02E-02
COURSE GRID	391500.0	3741500.0	1.21E-02	0	1.21E-02	7.42E-02	-6.21E-02	6.66E-03	0	6.66E-03	7.42E-02	-6.75E-02
COURSE GRID	392000.0	3741500.0	1.13E-02	0	1.13E-02	6.78E-02	-5.66E-02	6.14E-03	0	6.14E-03	6.78E-02	-6.17E-02
COURSE GRID	392500.0	3741500.0	1.05E-02	0	1.05E-02	6.06E-02	-5.02E-02	5.66E-03	0	5.66E-03	6.06E-02	-5.49E-02
COURSE GRID	393000.0	3741500.0	1.02E-02	0	1.02E-02	5.95E-02	-4.93E-02	5.55E-03	0	5.55E-03	5.95E-02	-5.39E-02
COURSE GRID	393500.0	3741500.0	9.60E-03	0	9.60E-03	5.59E-02	-4.63E-02	5.02E-03	0	5.02E-03	5.59E-02	-5.09E-02
COURSE GRID	377000.0	3742000.0	9.76E-03	0	9.76E-03	5.27E-02	-4.29E-02	4.82E-03	0	4.82E-03	5.27E-02	-4.79E-02
COURSE GRID	377500.0	3742000.0	9.65E-03	0	9.65E-03	5.14E-02	-4.17E-02	4.81E-03	0	4.81E-03	5.14E-02	-4.66E-02
COURSE GRID	378000.0	3742000.0	1.02E-02	0	1.02E-02	5.77E-02	-4.75E-02	5.29E-03	0	5.29E-03	5.77E-02	-5.24E-02
COURSE GRID	378500.0	3742000.0	1.03E-02	0	1.03E-02	5.94E-02	-4.91E-02	5.29E-03	0	5.29E-03	5.94E-02	-5.41E-02
COURSE GRID	379000.0	3742000.0	1.07E-02	0	1.07E-02	6.11E-02	-5.04E-02	5.46E-03	0	5.46E-03	6.11E-02	-5.56E-02
COURSE GRID	379500.0	3742000.0	1.13E-02	0	1.13E-02	6.42E-02	-5.29E-02	5.71E-03	0	5.71E-03	6.42E-02	-5.85E-02

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	REDUCED PROJECT - NO MITIGATION				REDUCED PROJECT - WITH MITIGATION			
			TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	TOTAL IMPACT	CEQA BASELINE	CEQA IMPACT	NEPA BASELINE
			IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE	IMPACT	BASELINE
COURSE GRID	380000.0	3742000.0	1.13E-02	0	1.13E-02	6.15E-02	-5.02E-02	5.74E-03	6.15E-02	-5.58E-02
COURSE GRID	380500.0	3742000.0	1.14E-02	0	1.14E-02	6.67E-02	-5.53E-02	5.95E-03	6.67E-02	-6.07E-02
COURSE GRID	381000.0	3742000.0	1.16E-02	0	1.16E-02	6.75E-02	-5.59E-02	6.14E-03	6.75E-02	-6.14E-02
COURSE GRID	381500.0	3742000.0	1.17E-02	0	1.17E-02	6.86E-02	-5.69E-02	6.23E-03	6.86E-02	-6.24E-02
COURSE GRID	382000.0	3742000.0	1.19E-02	0	1.19E-02	6.84E-02	-5.65E-02	6.40E-03	6.84E-02	-6.20E-02
COURSE GRID	382500.0	3742000.0	1.21E-02	0	1.21E-02	6.85E-02	-5.64E-02	6.43E-03	6.85E-02	-6.21E-02
COURSE GRID	383000.0	3742000.0	1.27E-02	0	1.27E-02	7.15E-02	-5.89E-02	6.78E-03	7.15E-02	-6.47E-02
COURSE GRID	383500.0	3742000.0	1.28E-02	0	1.28E-02	7.41E-02	-6.13E-02	6.94E-03	7.41E-02	-6.72E-02
COURSE GRID	384000.0	3742000.0	1.27E-02	0	1.27E-02	7.28E-02	-6.01E-02	6.71E-03	7.28E-02	-6.61E-02
COURSE GRID	384500.0	3742000.0	1.31E-02	0	1.31E-02	7.36E-02	-6.05E-02	6.88E-03	7.36E-02	-6.67E-02
COURSE GRID	385000.0	3742000.0	1.43E-02	0	1.43E-02	7.87E-02	-6.44E-02	7.30E-03	7.87E-02	-7.14E-02
COURSE GRID	385500.0	3742000.0	1.43E-02	0	1.43E-02	8.30E-02	-6.87E-02	7.55E-03	8.30E-02	-7.54E-02
COURSE GRID	386000.0	3742000.0	1.40E-02	0	1.40E-02	8.33E-02	-6.94E-02	7.95E-03	8.33E-02	-7.54E-02
COURSE GRID	386500.0	3742000.0	1.38E-02	0	1.38E-02	8.28E-02	-6.90E-02	7.84E-03	8.28E-02	-7.50E-02
COURSE GRID	387000.0	3742000.0	1.34E-02	0	1.34E-02	7.93E-02	-6.59E-02	7.45E-03	7.93E-02	-7.18E-02
COURSE GRID	387500.0	3742000.0	1.39E-02	0	1.39E-02	8.25E-02	-6.86E-02	7.70E-03	8.25E-02	-7.48E-02
COURSE GRID	388000.0	3742000.0	1.40E-02	0	1.40E-02	8.23E-02	-6.83E-02	7.59E-03	8.23E-02	-7.47E-02
COURSE GRID	388500.0	3742000.0	1.38E-02	0	1.38E-02	8.03E-02	-6.65E-02	7.43E-03	8.03E-02	-7.29E-02
COURSE GRID	389000.0	3742000.0	1.37E-02	0	1.37E-02	7.85E-02	-6.48E-02	7.32E-03	7.85E-02	-7.12E-02
COURSE GRID	389500.0	3742000.0	1.37E-02	0	1.37E-02	7.63E-02	-6.26E-02	7.31E-03	7.63E-02	-6.90E-02
COURSE GRID	390000.0	3742000.0	1.29E-02	0	1.29E-02	6.67E-02	-5.38E-02	6.56E-03	6.67E-02	-6.01E-02
COURSE GRID	390500.0	3742000.0	1.32E-02	0	1.32E-02	7.40E-02	-6.08E-02	7.09E-03	7.40E-02	-6.69E-02
COURSE GRID	391000.0	3742000.0	1.24E-02	0	1.24E-02	7.21E-02	-5.97E-02	6.74E-03	7.21E-02	-6.54E-02
COURSE GRID	391500.0	3742000.0	1.17E-02	0	1.17E-02	7.08E-02	-5.91E-02	6.27E-03	7.08E-02	-6.45E-02
COURSE GRID	392000.0	3742000.0	1.09E-02	0	1.09E-02	6.56E-02	-5.47E-02	5.80E-03	6.56E-02	-5.98E-02
COURSE GRID	392500.0	3742000.0	1.04E-02	0	1.04E-02	5.98E-02	-4.94E-02	5.60E-03	5.98E-02	-5.42E-02
COURSE GRID	393000.0	3742000.0	9.95E-03	0	9.95E-03	5.71E-02	-4.71E-02	5.37E-03	5.71E-02	-5.17E-02
COURSE GRID	393500.0	3742000.0	9.61E-03	0	9.61E-03	5.50E-02	-4.54E-02	5.16E-03	5.50E-02	-4.98E-02

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE			
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	377000.0	3728500.0	2.78E-06	0	2.78E-06	2.78E-06	0.00E+00
COURSE GRID	377500.0	3728500.0	2.82E-06	0	2.82E-06	2.82E-06	0.00E+00
COURSE GRID	378000.0	3728500.0	2.84E-06	0	2.84E-06	2.84E-06	0.00E+00
COURSE GRID	378500.0	3728500.0	2.91E-06	0	2.91E-06	2.91E-06	0.00E+00
COURSE GRID	379000.0	3728500.0	3.03E-06	0	3.03E-06	3.03E-06	0.00E+00
COURSE GRID	379500.0	3728500.0	3.14E-06	0	3.14E-06	3.14E-06	0.00E+00
COURSE GRID	380000.0	3728500.0	3.19E-06	0	3.19E-06	3.19E-06	0.00E+00
COURSE GRID	380500.0	3728500.0	3.28E-06	0	3.28E-06	3.28E-06	0.00E+00
COURSE GRID	381000.0	3728500.0	3.44E-06	0	3.44E-06	3.44E-06	0.00E+00
COURSE GRID	381500.0	3728500.0	3.62E-06	0	3.62E-06	3.62E-06	0.00E+00
COURSE GRID	382000.0	3728500.0	3.76E-06	0	3.76E-06	3.76E-06	0.00E+00
COURSE GRID	382500.0	3728500.0	4.06E-06	0	4.06E-06	4.06E-06	0.00E+00
COURSE GRID	383000.0	3728500.0	4.62E-06	0	4.62E-06	4.62E-06	0.00E+00
COURSE GRID	383500.0	3728500.0	5.44E-06	0	5.44E-06	5.44E-06	0.00E+00
COURSE GRID	384000.0	3728500.0	6.10E-06	0	6.10E-06	6.10E-06	0.00E+00
COURSE GRID	384500.0	3728500.0	6.89E-06	0	6.89E-06	6.89E-06	0.00E+00
COURSE GRID	385000.0	3728500.0	7.60E-06	0	7.60E-06	7.60E-06	0.00E+00
COURSE GRID	385500.0	3728500.0	7.34E-06	0	7.34E-06	7.34E-06	0.00E+00
COURSE GRID	386000.0	3728500.0	7.01E-06	0	7.01E-06	7.01E-06	0.00E+00
COURSE GRID	386500.0	3728500.0	6.65E-06	0	6.65E-06	6.65E-06	0.00E+00
COURSE GRID	387000.0	3728500.0	6.41E-06	0	6.41E-06	6.41E-06	0.00E+00
COURSE GRID	387500.0	3728500.0	6.30E-06	0	6.30E-06	6.30E-06	0.00E+00
COURSE GRID	388000.0	3728500.0	6.23E-06	0	6.23E-06	6.23E-06	0.00E+00
COURSE GRID	388500.0	3728500.0	6.23E-06	0	6.23E-06	6.23E-06	0.00E+00
COURSE GRID	389000.0	3728500.0	6.25E-06	0	6.25E-06	6.25E-06	0.00E+00
COURSE GRID	389500.0	3728500.0	6.42E-06	0	6.42E-06	6.42E-06	0.00E+00
COURSE GRID	390000.0	3728500.0	6.28E-06	0	6.28E-06	6.28E-06	0.00E+00
COURSE GRID	390500.0	3728500.0	6.39E-06	0	6.39E-06	6.39E-06	0.00E+00
COURSE GRID	391000.0	3728500.0	6.38E-06	0	6.38E-06	6.38E-06	0.00E+00
COURSE GRID	391500.0	3728500.0	6.26E-06	0	6.26E-06	6.26E-06	0.00E+00
COURSE GRID	392000.0	3728500.0	5.95E-06	0	5.95E-06	5.95E-06	0.00E+00
COURSE GRID	392500.0	3728500.0	5.56E-06	0	5.56E-06	5.56E-06	0.00E+00
COURSE GRID	393000.0	3728500.0	5.21E-06	0	5.21E-06	5.21E-06	0.00E+00

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	393500.0	3728500.0	4.97E-06	0	4.97E-06	4.97E-06	0.00E+00	
COURSE GRID	377000.0	3729000.0	2.79E-06	0	2.79E-06	2.79E-06	0.00E+00	
COURSE GRID	377500.0	3729000.0	2.87E-06	0	2.87E-06	2.87E-06	0.00E+00	
COURSE GRID	378000.0	3729000.0	2.93E-06	0	2.93E-06	2.93E-06	0.00E+00	
COURSE GRID	378500.0	3729000.0	2.97E-06	0	2.97E-06	2.97E-06	0.00E+00	
COURSE GRID	379000.0	3729000.0	3.09E-06	0	3.09E-06	3.09E-06	0.00E+00	
COURSE GRID	379500.0	3729000.0	3.25E-06	0	3.25E-06	3.25E-06	0.00E+00	
COURSE GRID	380000.0	3729000.0	3.35E-06	0	3.35E-06	3.35E-06	0.00E+00	
COURSE GRID	380500.0	3729000.0	3.46E-06	0	3.46E-06	3.46E-06	0.00E+00	
COURSE GRID	381000.0	3729000.0	3.62E-06	0	3.62E-06	3.62E-06	0.00E+00	
COURSE GRID	381500.0	3729000.0	3.89E-06	0	3.89E-06	3.89E-06	0.00E+00	
COURSE GRID	382000.0	3729000.0	4.07E-06	0	4.07E-06	4.07E-06	0.00E+00	
COURSE GRID	382500.0	3729000.0	4.48E-06	0	4.48E-06	4.48E-06	0.00E+00	
COURSE GRID	383000.0	3729000.0	5.23E-06	0	5.23E-06	5.23E-06	0.00E+00	
COURSE GRID	383500.0	3729000.0	6.31E-06	0	6.31E-06	6.31E-06	0.00E+00	
COURSE GRID	384000.0	3729000.0	7.18E-06	0	7.18E-06	7.18E-06	0.00E+00	
COURSE GRID	384500.0	3729000.0	8.05E-06	0	8.05E-06	8.05E-06	0.00E+00	
COURSE GRID	385000.0	3729000.0	8.10E-06	0	8.10E-06	8.10E-06	0.00E+00	
COURSE GRID	385500.0	3729000.0	7.56E-06	0	7.56E-06	7.56E-06	0.00E+00	
COURSE GRID	386000.0	3729000.0	7.17E-06	0	7.17E-06	7.17E-06	0.00E+00	
COURSE GRID	386500.0	3729000.0	6.94E-06	0	6.94E-06	6.94E-06	0.00E+00	
COURSE GRID	387000.0	3729000.0	6.83E-06	0	6.83E-06	6.83E-06	0.00E+00	
COURSE GRID	387500.0	3729000.0	6.64E-06	0	6.64E-06	6.64E-06	0.00E+00	
COURSE GRID	388000.0	3729000.0	6.55E-06	0	6.55E-06	6.55E-06	0.00E+00	
COURSE GRID	388500.0	3729000.0	6.50E-06	0	6.50E-06	6.50E-06	0.00E+00	
COURSE GRID	389000.0	3729000.0	6.54E-06	0	6.54E-06	6.54E-06	0.00E+00	
COURSE GRID	389500.0	3729000.0	6.45E-06	0	6.45E-06	6.45E-06	0.00E+00	
COURSE GRID	390000.0	3729000.0	6.28E-06	0	6.28E-06	6.28E-06	0.00E+00	
COURSE GRID	390500.0	3729000.0	6.61E-06	0	6.61E-06	6.61E-06	0.00E+00	
COURSE GRID	391000.0	3729000.0	6.63E-06	0	6.63E-06	6.63E-06	0.00E+00	
COURSE GRID	391500.0	3729000.0	6.37E-06	0	6.37E-06	6.37E-06	0.00E+00	
COURSE GRID	392000.0	3729000.0	5.99E-06	0	5.99E-06	5.99E-06	0.00E+00	
COURSE GRID	392500.0	3729000.0	5.60E-06	0	5.60E-06	5.60E-06	0.00E+00	

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE			
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	393000.0	3729000.0	5.27E-06	0	5.27E-06	5.27E-06	0.00E+00
COURSE GRID	393500.0	3729000.0	4.99E-06	0	4.99E-06	4.99E-06	0.00E+00
COURSE GRID	377000.0	3729500.0	2.89E-06	0	2.89E-06	2.89E-06	0.00E+00
COURSE GRID	377500.0	3729500.0	2.91E-06	0	2.91E-06	2.91E-06	0.00E+00
COURSE GRID	378000.0	3729500.0	3.01E-06	0	3.01E-06	3.01E-06	0.00E+00
COURSE GRID	378500.0	3729500.0	3.10E-06	0	3.10E-06	3.10E-06	0.00E+00
COURSE GRID	379000.0	3729500.0	3.18E-06	0	3.18E-06	3.18E-06	0.00E+00
COURSE GRID	379500.0	3729500.0	3.35E-06	0	3.35E-06	3.35E-06	0.00E+00
COURSE GRID	380000.0	3729500.0	3.56E-06	0	3.56E-06	3.56E-06	0.00E+00
COURSE GRID	380500.0	3729500.0	3.70E-06	0	3.70E-06	3.70E-06	0.00E+00
COURSE GRID	381000.0	3729500.0	3.89E-06	0	3.89E-06	3.89E-06	0.00E+00
COURSE GRID	381500.0	3729500.0	4.23E-06	0	4.23E-06	4.23E-06	0.00E+00
COURSE GRID	382000.0	3729500.0	4.54E-06	0	4.54E-06	4.54E-06	0.00E+00
COURSE GRID	382500.0	3729500.0	5.12E-06	0	5.12E-06	5.12E-06	0.00E+00
COURSE GRID	383000.0	3729500.0	6.24E-06	0	6.24E-06	6.24E-06	0.00E+00
COURSE GRID	383500.0	3729500.0	7.77E-06	0	7.77E-06	7.77E-06	0.00E+00
COURSE GRID	384000.0	3729500.0	8.81E-06	0	8.81E-06	8.81E-06	0.00E+00
COURSE GRID	384500.0	3729500.0	9.56E-06	0	9.56E-06	9.56E-06	0.00E+00
COURSE GRID	385000.0	3729500.0	8.57E-06	0	8.57E-06	8.57E-06	0.00E+00
COURSE GRID	385500.0	3729500.0	7.82E-06	0	7.82E-06	7.82E-06	0.00E+00
COURSE GRID	386000.0	3729500.0	7.75E-06	0	7.75E-06	7.75E-06	0.00E+00
COURSE GRID	386500.0	3729500.0	7.56E-06	0	7.56E-06	7.56E-06	0.00E+00
COURSE GRID	387000.0	3729500.0	7.29E-06	0	7.29E-06	7.29E-06	0.00E+00
COURSE GRID	387500.0	3729500.0	7.02E-06	0	7.02E-06	7.02E-06	0.00E+00
COURSE GRID	388000.0	3729500.0	6.81E-06	0	6.81E-06	6.81E-06	0.00E+00
COURSE GRID	388500.0	3729500.0	6.80E-06	0	6.80E-06	6.80E-06	0.00E+00
COURSE GRID	389000.0	3729500.0	6.63E-06	0	6.63E-06	6.63E-06	0.00E+00
COURSE GRID	389500.0	3729500.0	6.47E-06	0	6.47E-06	6.47E-06	0.00E+00
COURSE GRID	390000.0	3729500.0	6.60E-06	0	6.60E-06	6.60E-06	0.00E+00
COURSE GRID	390500.0	3729500.0	6.97E-06	0	6.97E-06	6.97E-06	0.00E+00
COURSE GRID	391000.0	3729500.0	6.86E-06	0	6.86E-06	6.86E-06	0.00E+00
COURSE GRID	391500.0	3729500.0	6.55E-06	0	6.55E-06	6.55E-06	0.00E+00
COURSE GRID	392000.0	3729500.0	6.08E-06	0	6.08E-06	6.08E-06	0.00E+00

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	392500.0	3729500.0	5.63E-06	0	5.63E-06	5.63E-06	0.00E+00	
COURSE GRID	393000.0	3729500.0	5.29E-06	0	5.29E-06	5.29E-06	0.00E+00	
COURSE GRID	393500.0	3729500.0	5.06E-06	0	5.06E-06	5.06E-06	0.00E+00	
COURSE GRID	377000.0	3730000.0	3.00E-06	0	3.00E-06	3.00E-06	0.00E+00	
COURSE GRID	377500.0	3730000.0	3.06E-06	0	3.06E-06	3.06E-06	0.00E+00	
COURSE GRID	378000.0	3730000.0	3.09E-06	0	3.09E-06	3.09E-06	0.00E+00	
COURSE GRID	378500.0	3730000.0	3.23E-06	0	3.23E-06	3.23E-06	0.00E+00	
COURSE GRID	379000.0	3730000.0	3.34E-06	0	3.34E-06	3.34E-06	0.00E+00	
COURSE GRID	379500.0	3730000.0	3.48E-06	0	3.48E-06	3.48E-06	0.00E+00	
COURSE GRID	380000.0	3730000.0	3.75E-06	0	3.75E-06	3.75E-06	0.00E+00	
COURSE GRID	380500.0	3730000.0	4.04E-06	0	4.04E-06	4.04E-06	0.00E+00	
COURSE GRID	381000.0	3730000.0	4.27E-06	0	4.27E-06	4.27E-06	0.00E+00	
COURSE GRID	381500.0	3730000.0	4.69E-06	0	4.69E-06	4.69E-06	0.00E+00	
COURSE GRID	382000.0	3730000.0	5.27E-06	0	5.27E-06	5.27E-06	0.00E+00	
COURSE GRID	382500.0	3730000.0	6.13E-06	0	6.13E-06	6.13E-06	0.00E+00	
COURSE GRID	383000.0	3730000.0	8.06E-06	0	8.06E-06	8.06E-06	0.00E+00	
COURSE GRID	383500.0	3730000.0	1.05E-05	0	1.05E-05	1.05E-05	0.00E+00	
COURSE GRID	384000.0	3730000.0	1.13E-05	0	1.13E-05	1.13E-05	0.00E+00	
COURSE GRID	384500.0	3730000.0	1.15E-05	0	1.15E-05	1.15E-05	0.00E+00	
COURSE GRID	385000.0	3730000.0	9.21E-06	0	9.21E-06	9.21E-06	0.00E+00	
COURSE GRID	385500.0	3730000.0	9.14E-06	0	9.14E-06	9.14E-06	0.00E+00	
COURSE GRID	386000.0	3730000.0	8.72E-06	0	8.72E-06	8.72E-06	0.00E+00	
COURSE GRID	386500.0	3730000.0	8.19E-06	0	8.19E-06	8.19E-06	0.00E+00	
COURSE GRID	387000.0	3730000.0	7.71E-06	0	7.71E-06	7.71E-06	0.00E+00	
COURSE GRID	387500.0	3730000.0	7.37E-06	0	7.37E-06	7.37E-06	0.00E+00	
COURSE GRID	388000.0	3730000.0	7.27E-06	0	7.27E-06	7.27E-06	0.00E+00	
COURSE GRID	388500.0	3730000.0	7.04E-06	0	7.04E-06	7.04E-06	0.00E+00	
COURSE GRID	389000.0	3730000.0	6.76E-06	0	6.76E-06	6.76E-06	0.00E+00	
COURSE GRID	389500.0	3730000.0	6.90E-06	0	6.90E-06	6.90E-06	0.00E+00	
COURSE GRID	390000.0	3730000.0	7.10E-06	0	7.10E-06	7.10E-06	0.00E+00	
COURSE GRID	390500.0	3730000.0	7.35E-06	0	7.35E-06	7.35E-06	0.00E+00	
COURSE GRID	391000.0	3730000.0	7.24E-06	0	7.24E-06	7.24E-06	0.00E+00	
COURSE GRID	391500.0	3730000.0	6.70E-06	0	6.70E-06	6.70E-06	0.00E+00	

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE			
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	392000.0	3730000.0	6.07E-06	0	6.07E-06	6.07E-06	0.00E+00
COURSE GRID	392500.0	3730000.0	5.65E-06	0	5.65E-06	5.65E-06	0.00E+00
COURSE GRID	393000.0	3730000.0	5.41E-06	0	5.41E-06	5.41E-06	0.00E+00
COURSE GRID	393500.0	3730000.0	5.30E-06	0	5.30E-06	5.30E-06	0.00E+00
COURSE GRID	377000.0	3730500.0	2.92E-06	0	2.92E-06	2.92E-06	0.00E+00
COURSE GRID	377500.0	3730500.0	3.15E-06	0	3.15E-06	3.15E-06	0.00E+00
COURSE GRID	378000.0	3730500.0	3.32E-06	0	3.32E-06	3.32E-06	0.00E+00
COURSE GRID	378500.0	3730500.0	3.36E-06	0	3.36E-06	3.36E-06	0.00E+00
COURSE GRID	379000.0	3730500.0	3.54E-06	0	3.54E-06	3.54E-06	0.00E+00
COURSE GRID	379500.0	3730500.0	3.72E-06	0	3.72E-06	3.72E-06	0.00E+00
COURSE GRID	380000.0	3730500.0	3.48E-06	0	3.48E-06	3.48E-06	0.00E+00
COURSE GRID	380500.0	3730500.0	3.77E-06	0	3.77E-06	3.77E-06	0.00E+00
COURSE GRID	381000.0	3730500.0	4.83E-06	0	4.83E-06	4.83E-06	0.00E+00
COURSE GRID	381500.0	3730500.0	5.40E-06	0	5.40E-06	5.40E-06	0.00E+00
COURSE GRID	382000.0	3730500.0	6.39E-06	0	6.39E-06	6.39E-06	0.00E+00
COURSE GRID	382500.0	3730500.0	8.07E-06	0	8.07E-06	8.07E-06	0.00E+00
COURSE GRID	383000.0	3730500.0	1.18E-05	0	1.18E-05	1.18E-05	0.00E+00
COURSE GRID	383500.0	3730500.0	1.54E-05	0	1.54E-05	1.54E-05	0.00E+00
COURSE GRID	384000.0	3730500.0	1.41E-05	0	1.41E-05	1.41E-05	0.00E+00
COURSE GRID	384500.0	3730500.0	1.33E-05	0	1.33E-05	1.33E-05	0.00E+00
COURSE GRID	385000.0	3730500.0	1.22E-05	0	1.22E-05	1.22E-05	0.00E+00
COURSE GRID	385500.0	3730500.0	1.08E-05	0	1.08E-05	1.08E-05	0.00E+00
COURSE GRID	386000.0	3730500.0	9.74E-06	0	9.74E-06	9.74E-06	0.00E+00
COURSE GRID	386500.0	3730500.0	8.94E-06	0	8.94E-06	8.94E-06	0.00E+00
COURSE GRID	387000.0	3730500.0	8.36E-06	0	8.36E-06	8.36E-06	0.00E+00
COURSE GRID	387500.0	3730500.0	8.04E-06	0	8.04E-06	8.04E-06	0.00E+00
COURSE GRID	388000.0	3730500.0	7.66E-06	0	7.66E-06	7.66E-06	0.00E+00
COURSE GRID	388500.0	3730500.0	7.25E-06	0	7.25E-06	7.25E-06	0.00E+00
COURSE GRID	389000.0	3730500.0	7.29E-06	0	7.29E-06	7.29E-06	0.00E+00
COURSE GRID	389500.0	3730500.0	7.34E-06	0	7.34E-06	7.34E-06	0.00E+00
COURSE GRID	390000.0	3730500.0	7.59E-06	0	7.59E-06	7.59E-06	0.00E+00
COURSE GRID	390500.0	3730500.0	7.97E-06	0	7.97E-06	7.97E-06	0.00E+00
COURSE GRID	391000.0	3730500.0	7.54E-06	0	7.54E-06	7.54E-06	0.00E+00

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE			
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	391500.0	3730500.0	6.64E-06	0	6.64E-06	6.64E-06	0.00E+00
COURSE GRID	392000.0	3730500.0	6.10E-06	0	6.10E-06	6.10E-06	0.00E+00
COURSE GRID	392500.0	3730500.0	5.85E-06	0	5.85E-06	5.85E-06	0.00E+00
COURSE GRID	393000.0	3730500.0	5.69E-06	0	5.69E-06	5.69E-06	0.00E+00
COURSE GRID	393500.0	3730500.0	5.51E-06	0	5.51E-06	5.51E-06	0.00E+00
COURSE GRID	377000.0	3731000.0	3.01E-06	0	3.01E-06	3.01E-06	0.00E+00
COURSE GRID	377500.0	3731000.0	3.12E-06	0	3.12E-06	3.12E-06	0.00E+00
COURSE GRID	378000.0	3731000.0	3.35E-06	0	3.35E-06	3.35E-06	0.00E+00
COURSE GRID	378500.0	3731000.0	3.66E-06	0	3.66E-06	3.66E-06	0.00E+00
COURSE GRID	379000.0	3731000.0	3.66E-06	0	3.66E-06	3.66E-06	0.00E+00
COURSE GRID	379500.0	3731000.0	3.44E-06	0	3.44E-06	3.44E-06	0.00E+00
COURSE GRID	380000.0	3731000.0	3.05E-06	0	3.05E-06	3.05E-06	0.00E+00
COURSE GRID	380500.0	3731000.0	4.08E-06	0	4.08E-06	4.08E-06	0.00E+00
COURSE GRID	381000.0	3731000.0	5.50E-06	0	5.50E-06	5.50E-06	0.00E+00
COURSE GRID	381500.0	3731000.0	6.50E-06	0	6.50E-06	6.50E-06	0.00E+00
COURSE GRID	382000.0	3731000.0	8.24E-06	0	8.24E-06	8.24E-06	0.00E+00
COURSE GRID	382500.0	3731000.0	1.25E-05	0	1.25E-05	1.25E-05	0.00E+00
COURSE GRID	383000.0	3731000.0	2.16E-05	0	2.16E-05	2.16E-05	0.00E+00
COURSE GRID	383500.0	3731000.0	1.88E-05	0	1.88E-05	1.88E-05	0.00E+00
COURSE GRID	384000.0	3731000.0	2.15E-05	0	2.15E-05	2.15E-05	0.00E+00
COURSE GRID	384500.0	3731000.0	1.83E-05	0	1.83E-05	1.83E-05	0.00E+00
COURSE GRID	385000.0	3731000.0	1.50E-05	0	1.50E-05	1.50E-05	0.00E+00
COURSE GRID	385500.0	3731000.0	1.28E-05	0	1.28E-05	1.28E-05	0.00E+00
COURSE GRID	386000.0	3731000.0	1.11E-05	0	1.11E-05	1.11E-05	0.00E+00
COURSE GRID	386500.0	3731000.0	9.90E-06	0	9.90E-06	9.90E-06	0.00E+00
COURSE GRID	387000.0	3731000.0	9.18E-06	0	9.18E-06	9.18E-06	0.00E+00
COURSE GRID	387500.0	3731000.0	8.50E-06	0	8.50E-06	8.50E-06	0.00E+00
COURSE GRID	388000.0	3731000.0	7.87E-06	0	7.87E-06	7.87E-06	0.00E+00
COURSE GRID	388500.0	3731000.0	7.82E-06	0	7.82E-06	7.82E-06	0.00E+00
COURSE GRID	389000.0	3731000.0	7.78E-06	0	7.78E-06	7.78E-06	0.00E+00
COURSE GRID	389500.0	3731000.0	7.96E-06	0	7.96E-06	7.96E-06	0.00E+00
COURSE GRID	390000.0	3731000.0	8.35E-06	0	8.35E-06	8.35E-06	0.00E+00
COURSE GRID	390500.0	3731000.0	8.74E-06	0	8.74E-06	8.74E-06	0.00E+00

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	391000.0	3731000.0	7.60E-06	0	7.60E-06	7.60E-06	0.00E+00	
COURSE GRID	391500.0	3731000.0	6.68E-06	0	6.68E-06	6.68E-06	0.00E+00	
COURSE GRID	392000.0	3731000.0	6.37E-06	0	6.37E-06	6.37E-06	0.00E+00	
COURSE GRID	392500.0	3731000.0	6.16E-06	0	6.16E-06	6.16E-06	0.00E+00	
COURSE GRID	393000.0	3731000.0	5.95E-06	0	5.95E-06	5.95E-06	0.00E+00	
COURSE GRID	393500.0	3731000.0	5.77E-06	0	5.77E-06	5.77E-06	0.00E+00	
COURSE GRID	377000.0	3731500.0	3.08E-06	0	3.08E-06	3.08E-06	0.00E+00	
COURSE GRID	377500.0	3731500.0	3.25E-06	0	3.25E-06	3.25E-06	0.00E+00	
COURSE GRID	378000.0	3731500.0	3.01E-06	0	3.01E-06	3.01E-06	0.00E+00	
COURSE GRID	378500.0	3731500.0	3.10E-06	0	3.10E-06	3.10E-06	0.00E+00	
COURSE GRID	379000.0	3731500.0	3.10E-06	0	3.10E-06	3.10E-06	0.00E+00	
COURSE GRID	379500.0	3731500.0	3.52E-06	0	3.52E-06	3.52E-06	0.00E+00	
COURSE GRID	380000.0	3731500.0	3.59E-06	0	3.59E-06	3.59E-06	0.00E+00	
COURSE GRID	380500.0	3731500.0	4.80E-06	0	4.80E-06	4.80E-06	0.00E+00	
COURSE GRID	381000.0	3731500.0	6.32E-06	0	6.32E-06	6.32E-06	0.00E+00	
COURSE GRID	381500.0	3731500.0	8.25E-06	0	8.25E-06	8.25E-06	0.00E+00	
COURSE GRID	382000.0	3731500.0	1.17E-05	0	1.17E-05	1.17E-05	0.00E+00	
COURSE GRID	382500.0	3731500.0	1.88E-05	0	1.88E-05	1.88E-05	0.00E+00	
COURSE GRID	383000.0	3731500.0	2.22E-05	0	2.22E-05	2.22E-05	0.00E+00	
COURSE GRID	384500.0	3731500.0	1.72E-05	0	1.72E-05	1.72E-05	0.00E+00	
COURSE GRID	385000.0	3731500.0	1.56E-05	0	1.56E-05	1.56E-05	0.00E+00	
COURSE GRID	385500.0	3731500.0	1.40E-05	0	1.40E-05	1.40E-05	0.00E+00	
COURSE GRID	386000.0	3731500.0	1.23E-05	0	1.23E-05	1.23E-05	0.00E+00	
COURSE GRID	386500.0	3731500.0	1.09E-05	0	1.09E-05	1.09E-05	0.00E+00	
COURSE GRID	387000.0	3731500.0	9.80E-06	0	9.80E-06	9.80E-06	0.00E+00	
COURSE GRID	387500.0	3731500.0	8.70E-06	0	8.70E-06	8.70E-06	0.00E+00	
COURSE GRID	388000.0	3731500.0	8.45E-06	0	8.45E-06	8.45E-06	0.00E+00	
COURSE GRID	388500.0	3731500.0	8.35E-06	0	8.35E-06	8.35E-06	0.00E+00	
COURSE GRID	389000.0	3731500.0	8.59E-06	0	8.59E-06	8.59E-06	0.00E+00	
COURSE GRID	389500.0	3731500.0	9.04E-06	0	9.04E-06	9.04E-06	0.00E+00	
COURSE GRID	390000.0	3731500.0	9.82E-06	0	9.82E-06	9.82E-06	0.00E+00	
COURSE GRID	390500.0	3731500.0	9.69E-06	0	9.69E-06	9.69E-06	0.00E+00	
COURSE GRID	391000.0	3731500.0	7.74E-06	0	7.74E-06	7.74E-06	0.00E+00	

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	391500.0	3731500.0	7.24E-06	0	7.24E-06	7.24E-06	0.00E+00	
COURSE GRID	392000.0	3731500.0	6.87E-06	0	6.87E-06	6.87E-06	0.00E+00	
COURSE GRID	392500.0	3731500.0	6.58E-06	0	6.58E-06	6.58E-06	0.00E+00	
COURSE GRID	393000.0	3731500.0	6.34E-06	0	6.34E-06	6.34E-06	0.00E+00	
COURSE GRID	393500.0	3731500.0	6.11E-06	0	6.11E-06	6.11E-06	0.00E+00	
COURSE GRID	377000.0	3732000.0	2.67E-06	0	2.67E-06	2.67E-06	0.00E+00	
COURSE GRID	377500.0	3732000.0	2.87E-06	0	2.87E-06	2.87E-06	0.00E+00	
COURSE GRID	378000.0	3732000.0	2.84E-06	0	2.84E-06	2.84E-06	0.00E+00	
COURSE GRID	378500.0	3732000.0	2.69E-06	0	2.69E-06	2.69E-06	0.00E+00	
COURSE GRID	379000.0	3732000.0	2.96E-06	0	2.96E-06	2.96E-06	0.00E+00	
COURSE GRID	379500.0	3732000.0	3.67E-06	0	3.67E-06	3.67E-06	0.00E+00	
COURSE GRID	380000.0	3732000.0	4.00E-06	0	4.00E-06	4.00E-06	0.00E+00	
COURSE GRID	380500.0	3732000.0	5.47E-06	0	5.47E-06	5.47E-06	0.00E+00	
COURSE GRID	381000.0	3732000.0	6.77E-06	0	6.77E-06	6.77E-06	0.00E+00	
COURSE GRID	381500.0	3732000.0	9.95E-06	0	9.95E-06	9.95E-06	0.00E+00	
COURSE GRID	382000.0	3732000.0	1.58E-05	0	1.58E-05	1.58E-05	0.00E+00	
COURSE GRID	382500.0	3732000.0	2.31E-05	0	2.31E-05	2.31E-05	0.00E+00	
COURSE GRID	383000.0	3732000.0	2.25E-05	0	2.25E-05	2.25E-05	0.00E+00	
COURSE GRID	383500.0	3732000.0	1.86E-05	0	1.86E-05	1.86E-05	0.00E+00	
COURSE GRID	384000.0	3732000.0	1.73E-05	0	1.73E-05	1.73E-05	0.00E+00	
COURSE GRID	384500.0	3732000.0	1.72E-05	0	1.72E-05	1.72E-05	0.00E+00	
COURSE GRID	385000.0	3732000.0	1.65E-05	0	1.65E-05	1.65E-05	0.00E+00	
COURSE GRID	385500.0	3732000.0	1.48E-05	0	1.48E-05	1.48E-05	0.00E+00	
COURSE GRID	386000.0	3732000.0	1.31E-05	0	1.31E-05	1.31E-05	0.00E+00	
COURSE GRID	386500.0	3732000.0	1.16E-05	0	1.16E-05	1.16E-05	0.00E+00	
COURSE GRID	387000.0	3732000.0	1.00E-05	0	1.00E-05	1.00E-05	0.00E+00	
COURSE GRID	387500.0	3732000.0	9.30E-06	0	9.30E-06	9.30E-06	0.00E+00	
COURSE GRID	388000.0	3732000.0	9.04E-06	0	9.04E-06	9.04E-06	0.00E+00	
COURSE GRID	388500.0	3732000.0	9.26E-06	0	9.26E-06	9.26E-06	0.00E+00	
COURSE GRID	389000.0	3732000.0	9.95E-06	0	9.95E-06	9.95E-06	0.00E+00	
COURSE GRID	389500.0	3732000.0	1.14E-05	0	1.14E-05	1.14E-05	0.00E+00	
COURSE GRID	390000.0	3732000.0	1.13E-05	0	1.13E-05	1.13E-05	0.00E+00	
COURSE GRID	390500.0	3732000.0	1.26E-05	0	1.26E-05	1.26E-05	0.00E+00	

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	391000.0	3732000.0	9.49E-06	0	9.49E-06	9.49E-06	0.00E+00	
COURSE GRID	391500.0	3732000.0	8.26E-06	0	8.26E-06	8.26E-06	0.00E+00	
COURSE GRID	392000.0	3732000.0	7.59E-06	0	7.59E-06	7.59E-06	0.00E+00	
COURSE GRID	392500.0	3732000.0	7.15E-06	0	7.15E-06	7.15E-06	0.00E+00	
COURSE GRID	393000.0	3732000.0	6.82E-06	0	6.82E-06	6.82E-06	0.00E+00	
COURSE GRID	393500.0	3732000.0	6.51E-06	0	6.51E-06	6.51E-06	0.00E+00	
COURSE GRID	377000.0	3732500.0	2.46E-06	0	2.46E-06	2.46E-06	0.00E+00	
COURSE GRID	377500.0	3732500.0	2.44E-06	0	2.44E-06	2.44E-06	0.00E+00	
COURSE GRID	378000.0	3732500.0	2.39E-06	0	2.39E-06	2.39E-06	0.00E+00	
COURSE GRID	378500.0	3732500.0	2.57E-06	0	2.57E-06	2.57E-06	0.00E+00	
COURSE GRID	379000.0	3732500.0	3.12E-06	0	3.12E-06	3.12E-06	0.00E+00	
COURSE GRID	379500.0	3732500.0	3.74E-06	0	3.74E-06	3.74E-06	0.00E+00	
COURSE GRID	380000.0	3732500.0	4.71E-06	0	4.71E-06	4.71E-06	0.00E+00	
COURSE GRID	380500.0	3732500.0	6.35E-06	0	6.35E-06	6.35E-06	0.00E+00	
COURSE GRID	381000.0	3732500.0	7.76E-06	0	7.76E-06	7.76E-06	0.00E+00	
COURSE GRID	381500.0	3732500.0	1.06E-05	0	1.06E-05	1.06E-05	0.00E+00	
COURSE GRID	382000.0	3732500.0	1.81E-05	0	1.81E-05	1.81E-05	0.00E+00	
COURSE GRID	382500.0	3732500.0	2.55E-05	0	2.55E-05	2.55E-05	0.00E+00	
COURSE GRID	383000.0	3732500.0	1.66E-05	0	1.66E-05	1.66E-05	0.00E+00	
COURSE GRID	383500.0	3732500.0	1.42E-05	0	1.42E-05	1.42E-05	0.00E+00	
COURSE GRID	384000.0	3732500.0	1.54E-05	0	1.54E-05	1.54E-05	0.00E+00	
COURSE GRID	384500.0	3732500.0	1.74E-05	0	1.74E-05	1.74E-05	0.00E+00	
COURSE GRID	385000.0	3732500.0	1.74E-05	0	1.74E-05	1.74E-05	0.00E+00	
COURSE GRID	385500.0	3732500.0	1.56E-05	0	1.56E-05	1.56E-05	0.00E+00	
COURSE GRID	386000.0	3732500.0	1.38E-05	0	1.38E-05	1.38E-05	0.00E+00	
COURSE GRID	386500.0	3732500.0	1.15E-05	0	1.15E-05	1.15E-05	0.00E+00	
COURSE GRID	387000.0	3732500.0	1.03E-05	0	1.03E-05	1.03E-05	0.00E+00	
COURSE GRID	387500.0	3732500.0	9.66E-06	0	9.66E-06	9.66E-06	0.00E+00	
COURSE GRID	388000.0	3732500.0	9.89E-06	0	9.89E-06	9.89E-06	0.00E+00	
COURSE GRID	388500.0	3732500.0	1.09E-05	0	1.09E-05	1.09E-05	0.00E+00	
COURSE GRID	389000.0	3732500.0	1.28E-05	0	1.28E-05	1.28E-05	0.00E+00	
COURSE GRID	389500.0	3732500.0	1.28E-05	0	1.28E-05	1.28E-05	0.00E+00	
COURSE GRID	390000.0	3732500.0	1.57E-05	0	1.57E-05	1.57E-05	0.00E+00	

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	390500.0	3732500.0	1.29E-05	0	1.29E-05	1.29E-05	0.00E+00	
COURSE GRID	391000.0	3732500.0	1.08E-05	0	1.08E-05	1.08E-05	0.00E+00	
COURSE GRID	391500.0	3732500.0	9.39E-06	0	9.39E-06	9.39E-06	0.00E+00	
COURSE GRID	392000.0	3732500.0	8.41E-06	0	8.41E-06	8.41E-06	0.00E+00	
COURSE GRID	392500.0	3732500.0	7.78E-06	0	7.78E-06	7.78E-06	0.00E+00	
COURSE GRID	393000.0	3732500.0	7.30E-06	0	7.30E-06	7.30E-06	0.00E+00	
COURSE GRID	393500.0	3732500.0	6.86E-06	0	6.86E-06	6.86E-06	0.00E+00	
COURSE GRID	377000.0	3733000.0	1.94E-06	0	1.94E-06	1.94E-06	0.00E+00	
COURSE GRID	377500.0	3733000.0	1.95E-06	0	1.95E-06	1.95E-06	0.00E+00	
COURSE GRID	378000.0	3733000.0	2.12E-06	0	2.12E-06	2.12E-06	0.00E+00	
COURSE GRID	378500.0	3733000.0	2.81E-06	0	2.81E-06	2.81E-06	0.00E+00	
COURSE GRID	379000.0	3733000.0	3.30E-06	0	3.30E-06	3.30E-06	0.00E+00	
COURSE GRID	379500.0	3733000.0	4.08E-06	0	4.08E-06	4.08E-06	0.00E+00	
COURSE GRID	380000.0	3733000.0	5.20E-06	0	5.20E-06	5.20E-06	0.00E+00	
COURSE GRID	380500.0	3733000.0	6.19E-06	0	6.19E-06	6.19E-06	0.00E+00	
COURSE GRID	381000.0	3733000.0	8.11E-06	0	8.11E-06	8.11E-06	0.00E+00	
COURSE GRID	381500.0	3733000.0	1.09E-05	0	1.09E-05	1.09E-05	0.00E+00	
COURSE GRID	382000.0	3733000.0	1.52E-05	0	1.52E-05	1.52E-05	0.00E+00	
COURSE GRID	382500.0	3733000.0	1.78E-05	0	1.78E-05	1.78E-05	0.00E+00	
COURSE GRID	383000.0	3733000.0	1.27E-05	0	1.27E-05	1.27E-05	0.00E+00	
COURSE GRID	383500.0	3733000.0	1.23E-05	0	1.23E-05	1.23E-05	0.00E+00	
COURSE GRID	384000.0	3733000.0	1.67E-05	0	1.67E-05	1.67E-05	0.00E+00	
COURSE GRID	384500.0	3733000.0	2.01E-05	0	2.01E-05	2.01E-05	0.00E+00	
COURSE GRID	385000.0	3733000.0	1.88E-05	0	1.88E-05	1.88E-05	0.00E+00	
COURSE GRID	385500.0	3733000.0	1.63E-05	0	1.63E-05	1.63E-05	0.00E+00	
COURSE GRID	386000.0	3733000.0	1.32E-05	0	1.32E-05	1.32E-05	0.00E+00	
COURSE GRID	386500.0	3733000.0	1.13E-05	0	1.13E-05	1.13E-05	0.00E+00	
COURSE GRID	387000.0	3733000.0	1.02E-05	0	1.02E-05	1.02E-05	0.00E+00	
COURSE GRID	387500.0	3733000.0	1.02E-05	0	1.02E-05	1.02E-05	0.00E+00	
COURSE GRID	388000.0	3733000.0	1.15E-05	0	1.15E-05	1.15E-05	0.00E+00	
COURSE GRID	388500.0	3733000.0	1.40E-05	0	1.40E-05	1.40E-05	0.00E+00	
COURSE GRID	389000.0	3733000.0	1.33E-05	0	1.33E-05	1.33E-05	0.00E+00	
COURSE GRID	389500.0	3733000.0	1.65E-05	0	1.65E-05	1.65E-05	0.00E+00	

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	390000.0	3733000.0	1.38E-05	0	1.38E-05	1.38E-05	0.00E+00	
COURSE GRID	390500.0	3733000.0	1.21E-05	0	1.21E-05	1.21E-05	0.00E+00	
COURSE GRID	391000.0	3733000.0	1.09E-05	0	1.09E-05	1.09E-05	0.00E+00	
COURSE GRID	391500.0	3733000.0	9.89E-06	0	9.89E-06	9.89E-06	0.00E+00	
COURSE GRID	392000.0	3733000.0	9.11E-06	0	9.11E-06	9.11E-06	0.00E+00	
COURSE GRID	392500.0	3733000.0	8.41E-06	0	8.41E-06	8.41E-06	0.00E+00	
COURSE GRID	393000.0	3733000.0	7.75E-06	0	7.75E-06	7.75E-06	0.00E+00	
COURSE GRID	393500.0	3733000.0	7.17E-06	0	7.17E-06	7.17E-06	0.00E+00	
COURSE GRID	377000.0	3733500.0	1.84E-06	0	1.84E-06	1.84E-06	0.00E+00	
COURSE GRID	377500.0	3733500.0	1.96E-06	0	1.96E-06	1.96E-06	0.00E+00	
COURSE GRID	378000.0	3733500.0	2.39E-06	0	2.39E-06	2.39E-06	0.00E+00	
COURSE GRID	378500.0	3733500.0	2.75E-06	0	2.75E-06	2.75E-06	0.00E+00	
COURSE GRID	379000.0	3733500.0	3.45E-06	0	3.45E-06	3.45E-06	0.00E+00	
COURSE GRID	379500.0	3733500.0	4.11E-06	0	4.11E-06	4.11E-06	0.00E+00	
COURSE GRID	380000.0	3733500.0	5.04E-06	0	5.04E-06	5.04E-06	0.00E+00	
COURSE GRID	380500.0	3733500.0	6.28E-06	0	6.28E-06	6.28E-06	0.00E+00	
COURSE GRID	381000.0	3733500.0	7.92E-06	0	7.92E-06	7.92E-06	0.00E+00	
COURSE GRID	381500.0	3733500.0	1.20E-05	0	1.20E-05	1.20E-05	0.00E+00	
COURSE GRID	382500.0	3733500.0	1.36E-05	0	1.36E-05	1.36E-05	0.00E+00	
COURSE GRID	383000.0	3733500.0	1.14E-05	0	1.14E-05	1.14E-05	0.00E+00	
COURSE GRID	383500.0	3733500.0	1.29E-05	0	1.29E-05	1.29E-05	0.00E+00	
COURSE GRID	384000.0	3733500.0	2.28E-05	0	2.28E-05	2.28E-05	0.00E+00	
COURSE GRID	384500.0	3733500.0	2.59E-05	0	2.59E-05	2.59E-05	0.00E+00	
COURSE GRID	385000.0	3733500.0	2.10E-05	0	2.10E-05	2.10E-05	0.00E+00	
COURSE GRID	385500.0	3733500.0	1.52E-05	0	1.52E-05	1.52E-05	0.00E+00	
COURSE GRID	386000.0	3733500.0	1.19E-05	0	1.19E-05	1.19E-05	0.00E+00	
COURSE GRID	386500.0	3733500.0	1.04E-05	0	1.04E-05	1.04E-05	0.00E+00	
COURSE GRID	387000.0	3733500.0	1.01E-05	0	1.01E-05	1.01E-05	0.00E+00	
COURSE GRID	387500.0	3733500.0	1.13E-05	0	1.13E-05	1.13E-05	0.00E+00	
COURSE GRID	388000.0	3733500.0	1.50E-05	0	1.50E-05	1.50E-05	0.00E+00	
COURSE GRID	388500.0	3733500.0	1.37E-05	0	1.37E-05	1.37E-05	0.00E+00	
COURSE GRID	389000.0	3733500.0	1.68E-05	0	1.68E-05	1.68E-05	0.00E+00	
COURSE GRID	389500.0	3733500.0	1.42E-05	0	1.42E-05	1.42E-05	0.00E+00	

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	390000.0	3733500.0	1.27E-05	0	1.27E-05	1.27E-05	0.00E+00	
COURSE GRID	390500.0	3733500.0	1.16E-05	0	1.16E-05	1.16E-05	0.00E+00	
COURSE GRID	391000.0	3733500.0	1.09E-05	0	1.09E-05	1.09E-05	0.00E+00	
COURSE GRID	391500.0	3733500.0	1.02E-05	0	1.02E-05	1.02E-05	0.00E+00	
COURSE GRID	392000.0	3733500.0	9.46E-06	0	9.46E-06	9.46E-06	0.00E+00	
COURSE GRID	392500.0	3733500.0	8.79E-06	0	8.79E-06	8.79E-06	0.00E+00	
COURSE GRID	393000.0	3733500.0	8.09E-06	0	8.09E-06	8.09E-06	0.00E+00	
COURSE GRID	393500.0	3733500.0	7.41E-06	0	7.41E-06	7.41E-06	0.00E+00	
COURSE GRID	377000.0	3734000.0	1.66E-06	0	1.66E-06	1.66E-06	0.00E+00	
COURSE GRID	377500.0	3734000.0	1.92E-06	0	1.92E-06	1.92E-06	0.00E+00	
COURSE GRID	378000.0	3734000.0	2.47E-06	0	2.47E-06	2.47E-06	0.00E+00	
COURSE GRID	378500.0	3734000.0	2.92E-06	0	2.92E-06	2.92E-06	0.00E+00	
COURSE GRID	379000.0	3734000.0	3.50E-06	0	3.50E-06	3.50E-06	0.00E+00	
COURSE GRID	379500.0	3734000.0	4.35E-06	0	4.35E-06	4.35E-06	0.00E+00	
COURSE GRID	380000.0	3734000.0	4.92E-06	0	4.92E-06	4.92E-06	0.00E+00	
COURSE GRID	380500.0	3734000.0	5.96E-06	0	5.96E-06	5.96E-06	0.00E+00	
COURSE GRID	381000.0	3734000.0	7.70E-06	0	7.70E-06	7.70E-06	0.00E+00	
COURSE GRID	381500.0	3734000.0	1.07E-05	0	1.07E-05	1.07E-05	0.00E+00	
COURSE GRID	382000.0	3734000.0	1.76E-05	0	1.76E-05	1.76E-05	0.00E+00	
COURSE GRID	382500.0	3734000.0	1.38E-05	0	1.38E-05	1.38E-05	0.00E+00	
COURSE GRID	383000.0	3734000.0	1.32E-05	0	1.32E-05	1.32E-05	0.00E+00	
COURSE GRID	383500.0	3734000.0	1.76E-05	0	1.76E-05	1.76E-05	0.00E+00	
COURSE GRID	384000.0	3734000.0	4.26E-05	0	4.26E-05	4.26E-05	0.00E+00	
COURSE GRID	384500.0	3734000.0	3.49E-05	0	3.49E-05	3.49E-05	0.00E+00	
COURSE GRID	385000.0	3734000.0	1.96E-05	0	1.96E-05	1.96E-05	0.00E+00	
COURSE GRID	385500.0	3734000.0	1.27E-05	0	1.27E-05	1.27E-05	0.00E+00	
COURSE GRID	386000.0	3734000.0	1.05E-05	0	1.05E-05	1.05E-05	0.00E+00	
COURSE GRID	386500.0	3734000.0	1.01E-05	0	1.01E-05	1.01E-05	0.00E+00	
COURSE GRID	387000.0	3734000.0	1.08E-05	0	1.08E-05	1.08E-05	0.00E+00	
COURSE GRID	387500.0	3734000.0	1.49E-05	0	1.49E-05	1.49E-05	0.00E+00	
COURSE GRID	388000.0	3734000.0	1.48E-05	0	1.48E-05	1.48E-05	0.00E+00	
COURSE GRID	388500.0	3734000.0	1.69E-05	0	1.69E-05	1.69E-05	0.00E+00	
COURSE GRID	389000.0	3734000.0	1.40E-05	0	1.40E-05	1.40E-05	0.00E+00	

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	389500.0	3734000.0	1.28E-05	0	1.28E-05	1.28E-05	0.00E+00	
COURSE GRID	390000.0	3734000.0	1.20E-05	0	1.20E-05	1.20E-05	0.00E+00	
COURSE GRID	390500.0	3734000.0	1.17E-05	0	1.17E-05	1.17E-05	0.00E+00	
COURSE GRID	391000.0	3734000.0	1.12E-05	0	1.12E-05	1.12E-05	0.00E+00	
COURSE GRID	391500.0	3734000.0	1.05E-05	0	1.05E-05	1.05E-05	0.00E+00	
COURSE GRID	392000.0	3734000.0	9.81E-06	0	9.81E-06	9.81E-06	0.00E+00	
COURSE GRID	392500.0	3734000.0	9.02E-06	0	9.02E-06	9.02E-06	0.00E+00	
COURSE GRID	393000.0	3734000.0	8.21E-06	0	8.21E-06	8.21E-06	0.00E+00	
COURSE GRID	393500.0	3734000.0	7.41E-06	0	7.41E-06	7.41E-06	0.00E+00	
COURSE GRID	377000.0	3734500.0	1.57E-06	0	1.57E-06	1.57E-06	0.00E+00	
COURSE GRID	377500.0	3734500.0	1.88E-06	0	1.88E-06	1.88E-06	0.00E+00	
COURSE GRID	378000.0	3734500.0	2.17E-06	0	2.17E-06	2.17E-06	0.00E+00	
COURSE GRID	378500.0	3734500.0	2.51E-06	0	2.51E-06	2.51E-06	0.00E+00	
COURSE GRID	379000.0	3734500.0	2.88E-06	0	2.88E-06	2.88E-06	0.00E+00	
COURSE GRID	379500.0	3734500.0	3.43E-06	0	3.43E-06	3.43E-06	0.00E+00	
COURSE GRID	380000.0	3734500.0	4.51E-06	0	4.51E-06	4.51E-06	0.00E+00	
COURSE GRID	380500.0	3734500.0	5.81E-06	0	5.81E-06	5.81E-06	0.00E+00	
COURSE GRID	381000.0	3734500.0	7.56E-06	0	7.56E-06	7.56E-06	0.00E+00	
COURSE GRID	381500.0	3734500.0	1.02E-05	0	1.02E-05	1.02E-05	0.00E+00	
COURSE GRID	382000.0	3734500.0	1.33E-05	0	1.33E-05	1.33E-05	0.00E+00	
COURSE GRID	382500.0	3734500.0	1.77E-05	0	1.77E-05	1.77E-05	0.00E+00	
COURSE GRID	383000.0	3734500.0	2.56E-05	0	2.56E-05	2.56E-05	0.00E+00	
COURSE GRID	383500.0	3734500.0	4.07E-05	0	4.07E-05	4.07E-05	0.00E+00	
COURSE GRID	384000.0	3734500.0	1.05E-04	0	1.05E-04	1.05E-04	0.00E+00	
COURSE GRID	384500.0	3734500.0	3.09E-05	0	3.09E-05	3.09E-05	0.00E+00	
COURSE GRID	385000.0	3734500.0	1.46E-05	0	1.46E-05	1.46E-05	0.00E+00	
COURSE GRID	385500.0	3734500.0	1.09E-05	0	1.09E-05	1.09E-05	0.00E+00	
COURSE GRID	386000.0	3734500.0	9.84E-06	0	9.84E-06	9.84E-06	0.00E+00	
COURSE GRID	386500.0	3734500.0	1.02E-05	0	1.02E-05	1.02E-05	0.00E+00	
COURSE GRID	387000.0	3734500.0	1.23E-05	0	1.23E-05	1.23E-05	0.00E+00	
COURSE GRID	387500.0	3734500.0	1.52E-05	0	1.52E-05	1.52E-05	0.00E+00	
COURSE GRID	388000.0	3734500.0	1.69E-05	0	1.69E-05	1.69E-05	0.00E+00	
COURSE GRID	388500.0	3734500.0	1.44E-05	0	1.44E-05	1.44E-05	0.00E+00	

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	389000.0	3734500.0	1.34E-05	0	1.34E-05	1.34E-05	0.00E+00	
COURSE GRID	389500.0	3734500.0	1.29E-05	0	1.29E-05	1.29E-05	0.00E+00	
COURSE GRID	390000.0	3734500.0	1.26E-05	0	1.26E-05	1.26E-05	0.00E+00	
COURSE GRID	390500.0	3734500.0	1.22E-05	0	1.22E-05	1.22E-05	0.00E+00	
COURSE GRID	391000.0	3734500.0	1.16E-05	0	1.16E-05	1.16E-05	0.00E+00	
COURSE GRID	391500.0	3734500.0	1.08E-05	0	1.08E-05	1.08E-05	0.00E+00	
COURSE GRID	392000.0	3734500.0	9.83E-06	0	9.83E-06	9.83E-06	0.00E+00	
COURSE GRID	392500.0	3734500.0	8.85E-06	0	8.85E-06	8.85E-06	0.00E+00	
COURSE GRID	393000.0	3734500.0	7.91E-06	0	7.91E-06	7.91E-06	0.00E+00	
COURSE GRID	393500.0	3734500.0	7.07E-06	0	7.07E-06	7.07E-06	0.00E+00	
COURSE GRID	377000.0	3735000.0	1.76E-06	0	1.76E-06	1.76E-06	0.00E+00	
COURSE GRID	377500.0	3735000.0	2.00E-06	0	2.00E-06	2.00E-06	0.00E+00	
COURSE GRID	378000.0	3735000.0	2.33E-06	0	2.33E-06	2.33E-06	0.00E+00	
COURSE GRID	378500.0	3735000.0	2.71E-06	0	2.71E-06	2.71E-06	0.00E+00	
COURSE GRID	379000.0	3735000.0	3.22E-06	0	3.22E-06	3.22E-06	0.00E+00	
COURSE GRID	379500.0	3735000.0	4.06E-06	0	4.06E-06	4.06E-06	0.00E+00	
COURSE GRID	380000.0	3735000.0	4.99E-06	0	4.99E-06	4.99E-06	0.00E+00	
COURSE GRID	380500.0	3735000.0	6.46E-06	0	6.46E-06	6.46E-06	0.00E+00	
COURSE GRID	381000.0	3735000.0	7.92E-06	0	7.92E-06	7.92E-06	0.00E+00	
COURSE GRID	381500.0	3735000.0	1.05E-05	0	1.05E-05	1.05E-05	0.00E+00	
COURSE GRID	382000.0	3735000.0	1.42E-05	0	1.42E-05	1.42E-05	0.00E+00	
COURSE GRID	382500.0	3735000.0	2.20E-05	0	2.20E-05	2.20E-05	0.00E+00	
COURSE GRID	383000.0	3735000.0	5.03E-05	0	5.03E-05	5.03E-05	0.00E+00	
COURSE GRID	384000.0	3735000.0	8.62E-05	0	8.62E-05	8.62E-05	0.00E+00	
COURSE GRID	384500.0	3735000.0	2.09E-05	0	2.09E-05	2.09E-05	0.00E+00	
COURSE GRID	385000.0	3735000.0	1.29E-05	0	1.29E-05	1.29E-05	0.00E+00	
COURSE GRID	385500.0	3735000.0	1.05E-05	0	1.05E-05	1.05E-05	0.00E+00	
COURSE GRID	386000.0	3735000.0	1.00E-05	0	1.00E-05	1.00E-05	0.00E+00	
COURSE GRID	386500.0	3735000.0	1.07E-05	0	1.07E-05	1.07E-05	0.00E+00	
COURSE GRID	387000.0	3735000.0	1.48E-05	0	1.48E-05	1.48E-05	0.00E+00	
COURSE GRID	387500.0	3735000.0	1.78E-05	0	1.78E-05	1.78E-05	0.00E+00	
COURSE GRID	388000.0	3735000.0	1.41E-05	0	1.41E-05	1.41E-05	0.00E+00	
COURSE GRID	388500.0	3735000.0	1.29E-05	0	1.29E-05	1.29E-05	0.00E+00	

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	389000.0	3735000.0	1.33E-05	0	1.33E-05	1.33E-05	0.00E+00	
COURSE GRID	389500.0	3735000.0	1.33E-05	0	1.33E-05	1.33E-05	0.00E+00	
COURSE GRID	390000.0	3735000.0	1.34E-05	0	1.34E-05	1.34E-05	0.00E+00	
COURSE GRID	390500.0	3735000.0	1.29E-05	0	1.29E-05	1.29E-05	0.00E+00	
COURSE GRID	391000.0	3735000.0	1.19E-05	0	1.19E-05	1.19E-05	0.00E+00	
COURSE GRID	391500.0	3735000.0	1.07E-05	0	1.07E-05	1.07E-05	0.00E+00	
COURSE GRID	392000.0	3735000.0	9.49E-06	0	9.49E-06	9.49E-06	0.00E+00	
COURSE GRID	392500.0	3735000.0	8.37E-06	0	8.37E-06	8.37E-06	0.00E+00	
COURSE GRID	393000.0	3735000.0	7.39E-06	0	7.39E-06	7.39E-06	0.00E+00	
COURSE GRID	393500.0	3735000.0	6.57E-06	0	6.57E-06	6.57E-06	0.00E+00	
COURSE GRID	377000.0	3735500.0	1.70E-06	0	1.70E-06	1.70E-06	0.00E+00	
COURSE GRID	377500.0	3735500.0	1.89E-06	0	1.89E-06	1.89E-06	0.00E+00	
COURSE GRID	378000.0	3735500.0	2.17E-06	0	2.17E-06	2.17E-06	0.00E+00	
COURSE GRID	378500.0	3735500.0	2.53E-06	0	2.53E-06	2.53E-06	0.00E+00	
COURSE GRID	379000.0	3735500.0	3.08E-06	0	3.08E-06	3.08E-06	0.00E+00	
COURSE GRID	379500.0	3735500.0	4.20E-06	0	4.20E-06	4.20E-06	0.00E+00	
COURSE GRID	380000.0	3735500.0	5.02E-06	0	5.02E-06	5.02E-06	0.00E+00	
COURSE GRID	380500.0	3735500.0	6.05E-06	0	6.05E-06	6.05E-06	0.00E+00	
COURSE GRID	381000.0	3735500.0	7.43E-06	0	7.43E-06	7.43E-06	0.00E+00	
COURSE GRID	381500.0	3735500.0	9.62E-06	0	9.62E-06	9.62E-06	0.00E+00	
COURSE GRID	382000.0	3735500.0	1.32E-05	0	1.32E-05	1.32E-05	0.00E+00	
COURSE GRID	382500.0	3735500.0	2.00E-05	0	2.00E-05	2.00E-05	0.00E+00	
COURSE GRID	383000.0	3735500.0	3.46E-05	0	3.46E-05	3.46E-05	0.00E+00	
COURSE GRID	383500.0	3735500.0	8.53E-05	0	8.53E-05	8.53E-05	0.00E+00	
COURSE GRID	384000.0	3735500.0	4.18E-05	0	4.18E-05	4.18E-05	0.00E+00	
COURSE GRID	384500.0	3735500.0	1.43E-05	0	1.43E-05	1.43E-05	0.00E+00	
COURSE GRID	385000.0	3735500.0	1.07E-05	0	1.07E-05	1.07E-05	0.00E+00	
COURSE GRID	385500.0	3735500.0	9.47E-06	0	9.47E-06	9.47E-06	0.00E+00	
COURSE GRID	386000.0	3735500.0	9.33E-06	0	9.33E-06	9.33E-06	0.00E+00	
COURSE GRID	386500.0	3735500.0	1.05E-05	0	1.05E-05	1.05E-05	0.00E+00	
COURSE GRID	387000.0	3735500.0	1.41E-05	0	1.41E-05	1.41E-05	0.00E+00	
COURSE GRID	387500.0	3735500.0	1.94E-05	0	1.94E-05	1.94E-05	0.00E+00	
COURSE GRID	388000.0	3735500.0	1.38E-05	0	1.38E-05	1.38E-05	0.00E+00	

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	388500.0	3735500.0	1.34E-05	0	1.34E-05	1.34E-05	0.00E+00	
COURSE GRID	389000.0	3735500.0	1.43E-05	0	1.43E-05	1.43E-05	0.00E+00	
COURSE GRID	389500.0	3735500.0	1.49E-05	0	1.49E-05	1.49E-05	0.00E+00	
COURSE GRID	390000.0	3735500.0	1.43E-05	0	1.43E-05	1.43E-05	0.00E+00	
COURSE GRID	390500.0	3735500.0	1.30E-05	0	1.30E-05	1.30E-05	0.00E+00	
COURSE GRID	391000.0	3735500.0	1.14E-05	0	1.14E-05	1.14E-05	0.00E+00	
COURSE GRID	391500.0	3735500.0	9.86E-06	0	9.86E-06	9.86E-06	0.00E+00	
COURSE GRID	392000.0	3735500.0	8.55E-06	0	8.55E-06	8.55E-06	0.00E+00	
COURSE GRID	392500.0	3735500.0	7.48E-06	0	7.48E-06	7.48E-06	0.00E+00	
COURSE GRID	393000.0	3735500.0	6.61E-06	0	6.61E-06	6.61E-06	0.00E+00	
COURSE GRID	393500.0	3735500.0	5.90E-06	0	5.90E-06	5.90E-06	0.00E+00	
COURSE GRID	377000.0	3736000.0	1.63E-06	0	1.63E-06	1.63E-06	0.00E+00	
COURSE GRID	377500.0	3736000.0	1.83E-06	0	1.83E-06	1.83E-06	0.00E+00	
COURSE GRID	378000.0	3736000.0	2.22E-06	0	2.22E-06	2.22E-06	0.00E+00	
COURSE GRID	378500.0	3736000.0	2.76E-06	0	2.76E-06	2.76E-06	0.00E+00	
COURSE GRID	379000.0	3736000.0	3.55E-06	0	3.55E-06	3.55E-06	0.00E+00	
COURSE GRID	379500.0	3736000.0	4.40E-06	0	4.40E-06	4.40E-06	0.00E+00	
COURSE GRID	380000.0	3736000.0	5.21E-06	0	5.21E-06	5.21E-06	0.00E+00	
COURSE GRID	380500.0	3736000.0	6.04E-06	0	6.04E-06	6.04E-06	0.00E+00	
COURSE GRID	381000.0	3736000.0	7.06E-06	0	7.06E-06	7.06E-06	0.00E+00	
COURSE GRID	381500.0	3736000.0	8.53E-06	0	8.53E-06	8.53E-06	0.00E+00	
COURSE GRID	382000.0	3736000.0	1.09E-05	0	1.09E-05	1.09E-05	0.00E+00	
COURSE GRID	382500.0	3736000.0	1.34E-05	0	1.34E-05	1.34E-05	0.00E+00	
COURSE GRID	383000.0	3736000.0	1.87E-05	0	1.87E-05	1.87E-05	0.00E+00	
COURSE GRID	383500.0	3736000.0	2.81E-05	0	2.81E-05	2.81E-05	0.00E+00	
COURSE GRID	384000.0	3736000.0	2.69E-05	0	2.69E-05	2.69E-05	0.00E+00	
COURSE GRID	384500.0	3736000.0	1.37E-05	0	1.37E-05	1.37E-05	0.00E+00	
COURSE GRID	385000.0	3736000.0	9.58E-06	0	9.58E-06	9.58E-06	0.00E+00	
COURSE GRID	385500.0	3736000.0	8.54E-06	0	8.54E-06	8.54E-06	0.00E+00	
COURSE GRID	386000.0	3736000.0	8.83E-06	0	8.83E-06	8.83E-06	0.00E+00	
COURSE GRID	386500.0	3736000.0	1.06E-05	0	1.06E-05	1.06E-05	0.00E+00	
COURSE GRID	387000.0	3736000.0	1.48E-05	0	1.48E-05	1.48E-05	0.00E+00	
COURSE GRID	387500.0	3736000.0	1.90E-05	0	1.90E-05	1.90E-05	0.00E+00	

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	388000.0	3736000.0	1.56E-05	0	1.56E-05	1.56E-05	0.00E+00	
COURSE GRID	388500.0	3736000.0	1.68E-05	0	1.68E-05	1.68E-05	0.00E+00	
COURSE GRID	389000.0	3736000.0	1.76E-05	0	1.76E-05	1.76E-05	0.00E+00	
COURSE GRID	389500.0	3736000.0	1.64E-05	0	1.64E-05	1.64E-05	0.00E+00	
COURSE GRID	390000.0	3736000.0	1.42E-05	0	1.42E-05	1.42E-05	0.00E+00	
COURSE GRID	390500.0	3736000.0	1.18E-05	0	1.18E-05	1.18E-05	0.00E+00	
COURSE GRID	391000.0	3736000.0	9.87E-06	0	9.87E-06	9.87E-06	0.00E+00	
COURSE GRID	391500.0	3736000.0	8.38E-06	0	8.38E-06	8.38E-06	0.00E+00	
COURSE GRID	392000.0	3736000.0	7.27E-06	0	7.27E-06	7.27E-06	0.00E+00	
COURSE GRID	392500.0	3736000.0	6.41E-06	0	6.41E-06	6.41E-06	0.00E+00	
COURSE GRID	393000.0	3736000.0	5.75E-06	0	5.75E-06	5.75E-06	0.00E+00	
COURSE GRID	393500.0	3736000.0	5.22E-06	0	5.22E-06	5.22E-06	0.00E+00	
COURSE GRID	377000.0	3736500.0	1.70E-06	0	1.70E-06	1.70E-06	0.00E+00	
COURSE GRID	377500.0	3736500.0	1.89E-06	0	1.89E-06	1.89E-06	0.00E+00	
COURSE GRID	378000.0	3736500.0	2.42E-06	0	2.42E-06	2.42E-06	0.00E+00	
COURSE GRID	378500.0	3736500.0	3.11E-06	0	3.11E-06	3.11E-06	0.00E+00	
COURSE GRID	379000.0	3736500.0	3.63E-06	0	3.63E-06	3.63E-06	0.00E+00	
COURSE GRID	379500.0	3736500.0	4.08E-06	0	4.08E-06	4.08E-06	0.00E+00	
COURSE GRID	380000.0	3736500.0	4.64E-06	0	4.64E-06	4.64E-06	0.00E+00	
COURSE GRID	380500.0	3736500.0	5.18E-06	0	5.18E-06	5.18E-06	0.00E+00	
COURSE GRID	381000.0	3736500.0	6.09E-06	0	6.09E-06	6.09E-06	0.00E+00	
COURSE GRID	381500.0	3736500.0	7.27E-06	0	7.27E-06	7.27E-06	0.00E+00	
COURSE GRID	382000.0	3736500.0	8.16E-06	0	8.16E-06	8.16E-06	0.00E+00	
COURSE GRID	382500.0	3736500.0	9.86E-06	0	9.86E-06	9.86E-06	0.00E+00	
COURSE GRID	383000.0	3736500.0	1.34E-05	0	1.34E-05	1.34E-05	0.00E+00	
COURSE GRID	383500.0	3736500.0	1.77E-05	0	1.77E-05	1.77E-05	0.00E+00	
COURSE GRID	384000.0	3736500.0	2.10E-05	0	2.10E-05	2.10E-05	0.00E+00	
COURSE GRID	384500.0	3736500.0	1.35E-05	0	1.35E-05	1.35E-05	0.00E+00	
COURSE GRID	385000.0	3736500.0	8.75E-06	0	8.75E-06	8.75E-06	0.00E+00	
COURSE GRID	385500.0	3736500.0	7.72E-06	0	7.72E-06	7.72E-06	0.00E+00	
COURSE GRID	386000.0	3736500.0	8.27E-06	0	8.27E-06	8.27E-06	0.00E+00	
COURSE GRID	386500.0	3736500.0	1.11E-05	0	1.11E-05	1.11E-05	0.00E+00	
COURSE GRID	387000.0	3736500.0	1.45E-05	0	1.45E-05	1.45E-05	0.00E+00	

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	387500.0	3736500.0	1.90E-05	0	1.90E-05	1.90E-05	0.00E+00	
COURSE GRID	388000.0	3736500.0	2.09E-05	0	2.09E-05	2.09E-05	0.00E+00	
COURSE GRID	388500.0	3736500.0	2.33E-05	0	2.33E-05	2.33E-05	0.00E+00	
COURSE GRID	389000.0	3736500.0	2.03E-05	0	2.03E-05	2.03E-05	0.00E+00	
COURSE GRID	389500.0	3736500.0	1.58E-05	0	1.58E-05	1.58E-05	0.00E+00	
COURSE GRID	390000.0	3736500.0	1.20E-05	0	1.20E-05	1.20E-05	0.00E+00	
COURSE GRID	390500.0	3736500.0	9.50E-06	0	9.50E-06	9.50E-06	0.00E+00	
COURSE GRID	391000.0	3736500.0	7.81E-06	0	7.81E-06	7.81E-06	0.00E+00	
COURSE GRID	391500.0	3736500.0	6.70E-06	0	6.70E-06	6.70E-06	0.00E+00	
COURSE GRID	392000.0	3736500.0	5.92E-06	0	5.92E-06	5.92E-06	0.00E+00	
COURSE GRID	392500.0	3736500.0	5.07E-06	0	5.07E-06	5.07E-06	0.00E+00	
COURSE GRID	393000.0	3736500.0	4.66E-06	0	4.66E-06	4.66E-06	0.00E+00	
COURSE GRID	393500.0	3736500.0	4.33E-06	0	4.33E-06	4.33E-06	0.00E+00	
COURSE GRID	377000.0	3737000.0	1.72E-06	0	1.72E-06	1.72E-06	0.00E+00	
COURSE GRID	377500.0	3737000.0	1.95E-06	0	1.95E-06	1.95E-06	0.00E+00	
COURSE GRID	378000.0	3737000.0	2.48E-06	0	2.48E-06	2.48E-06	0.00E+00	
COURSE GRID	378500.0	3737000.0	2.78E-06	0	2.78E-06	2.78E-06	0.00E+00	
COURSE GRID	379000.0	3737000.0	3.32E-06	0	3.32E-06	3.32E-06	0.00E+00	
COURSE GRID	379500.0	3737000.0	3.79E-06	0	3.79E-06	3.79E-06	0.00E+00	
COURSE GRID	380000.0	3737000.0	4.36E-06	0	4.36E-06	4.36E-06	0.00E+00	
COURSE GRID	380500.0	3737000.0	4.73E-06	0	4.73E-06	4.73E-06	0.00E+00	
COURSE GRID	381000.0	3737000.0	5.13E-06	0	5.13E-06	5.13E-06	0.00E+00	
COURSE GRID	381500.0	3737000.0	5.98E-06	0	5.98E-06	5.98E-06	0.00E+00	
COURSE GRID	382000.0	3737000.0	6.79E-06	0	6.79E-06	6.79E-06	0.00E+00	
COURSE GRID	382500.0	3737000.0	8.37E-06	0	8.37E-06	8.37E-06	0.00E+00	
COURSE GRID	383000.0	3737000.0	1.13E-05	0	1.13E-05	1.13E-05	0.00E+00	
COURSE GRID	383500.0	3737000.0	5.77E-05	0	5.77E-05	5.77E-05	0.00E+00	
COURSE GRID	384000.0	3737000.0	1.40E-05	0	1.40E-05	1.40E-05	0.00E+00	
COURSE GRID	384500.0	3737000.0	1.04E-05	0	1.04E-05	1.04E-05	0.00E+00	
COURSE GRID	385000.0	3737000.0	8.89E-06	0	8.89E-06	8.89E-06	0.00E+00	
COURSE GRID	385500.0	3737000.0	7.41E-06	0	7.41E-06	7.41E-06	0.00E+00	
COURSE GRID	386000.0	3737000.0	8.15E-06	0	8.15E-06	8.15E-06	0.00E+00	
COURSE GRID	386500.0	3737000.0	1.12E-05	0	1.12E-05	1.12E-05	0.00E+00	

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	387000.0	3737000.0	1.90E-05	0	1.90E-05	1.90E-05	0.00E+00	
COURSE GRID	387500.0	3737000.0	2.62E-05	0	2.62E-05	2.62E-05	0.00E+00	
COURSE GRID	388000.0	3737000.0	3.20E-05	0	3.20E-05	3.20E-05	0.00E+00	
COURSE GRID	388500.0	3737000.0	2.60E-05	0	2.60E-05	2.60E-05	0.00E+00	
COURSE GRID	389000.0	3737000.0	1.68E-05	0	1.68E-05	1.68E-05	0.00E+00	
COURSE GRID	389500.0	3737000.0	1.14E-05	0	1.14E-05	1.14E-05	0.00E+00	
COURSE GRID	390000.0	3737000.0	8.45E-06	0	8.45E-06	8.45E-06	0.00E+00	
COURSE GRID	390500.0	3737000.0	6.80E-06	0	6.80E-06	6.80E-06	0.00E+00	
COURSE GRID	391000.0	3737000.0	5.77E-06	0	5.77E-06	5.77E-06	0.00E+00	
COURSE GRID	391500.0	3737000.0	5.09E-06	0	5.09E-06	5.09E-06	0.00E+00	
COURSE GRID	392000.0	3737000.0	4.59E-06	0	4.59E-06	4.59E-06	0.00E+00	
COURSE GRID	392500.0	3737000.0	4.25E-06	0	4.25E-06	4.25E-06	0.00E+00	
COURSE GRID	393000.0	3737000.0	3.97E-06	0	3.97E-06	3.97E-06	0.00E+00	
COURSE GRID	393500.0	3737000.0	3.73E-06	0	3.73E-06	3.73E-06	0.00E+00	
COURSE GRID	377000.0	3737500.0	1.74E-06	0	1.74E-06	1.74E-06	0.00E+00	
COURSE GRID	377500.0	3737500.0	2.03E-06	0	2.03E-06	2.03E-06	0.00E+00	
COURSE GRID	378000.0	3737500.0	2.46E-06	0	2.46E-06	2.46E-06	0.00E+00	
COURSE GRID	378500.0	3737500.0	2.69E-06	0	2.69E-06	2.69E-06	0.00E+00	
COURSE GRID	379000.0	3737500.0	2.89E-06	0	2.89E-06	2.89E-06	0.00E+00	
COURSE GRID	379500.0	3737500.0	3.28E-06	0	3.28E-06	3.28E-06	0.00E+00	
COURSE GRID	380000.0	3737500.0	3.77E-06	0	3.77E-06	3.77E-06	0.00E+00	
COURSE GRID	380500.0	3737500.0	3.97E-06	0	3.97E-06	3.97E-06	0.00E+00	
COURSE GRID	381000.0	3737500.0	4.55E-06	0	4.55E-06	4.55E-06	0.00E+00	
COURSE GRID	381500.0	3737500.0	5.01E-06	0	5.01E-06	5.01E-06	0.00E+00	
COURSE GRID	382000.0	3737500.0	6.02E-06	0	6.02E-06	6.02E-06	0.00E+00	
COURSE GRID	382500.0	3737500.0	7.45E-06	0	7.45E-06	7.45E-06	0.00E+00	
COURSE GRID	383000.0	3737500.0	1.04E-05	0	1.04E-05	1.04E-05	0.00E+00	
COURSE GRID	383500.0	3737500.0	9.43E-06	0	9.43E-06	9.43E-06	0.00E+00	
COURSE GRID	384000.0	3737500.0	9.81E-06	0	9.81E-06	9.81E-06	0.00E+00	
COURSE GRID	384500.0	3737500.0	9.02E-06	0	9.02E-06	9.02E-06	0.00E+00	
COURSE GRID	385000.0	3737500.0	8.14E-06	0	8.14E-06	8.14E-06	0.00E+00	
COURSE GRID	385500.0	3737500.0	8.17E-06	0	8.17E-06	8.17E-06	0.00E+00	
COURSE GRID	386000.0	3737500.0	8.56E-06	0	8.56E-06	8.56E-06	0.00E+00	

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE			
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	386500.0	3737500.0	1.18E-05	0	1.18E-05	1.18E-05	0.00E+00
COURSE GRID	387000.0	3737500.0	5.59E-05	0	5.59E-05	5.59E-05	0.00E+00
COURSE GRID	387500.0	3737500.0	3.91E-05	0	3.91E-05	3.91E-05	0.00E+00
COURSE GRID	388000.0	3737500.0	3.08E-05	0	3.08E-05	3.08E-05	0.00E+00
COURSE GRID	388500.0	3737500.0	1.60E-05	0	1.60E-05	1.60E-05	0.00E+00
COURSE GRID	389000.0	3737500.0	9.93E-06	0	9.93E-06	9.93E-06	0.00E+00
COURSE GRID	389500.0	3737500.0	7.37E-06	0	7.37E-06	7.37E-06	0.00E+00
COURSE GRID	390000.0	3737500.0	6.04E-06	0	6.04E-06	6.04E-06	0.00E+00
COURSE GRID	390500.0	3737500.0	5.20E-06	0	5.20E-06	5.20E-06	0.00E+00
COURSE GRID	391000.0	3737500.0	4.64E-06	0	4.64E-06	4.64E-06	0.00E+00
COURSE GRID	391500.0	3737500.0	4.23E-06	0	4.23E-06	4.23E-06	0.00E+00
COURSE GRID	392000.0	3737500.0	3.96E-06	0	3.96E-06	3.96E-06	0.00E+00
COURSE GRID	392500.0	3737500.0	3.74E-06	0	3.74E-06	3.74E-06	0.00E+00
COURSE GRID	393000.0	3737500.0	3.54E-06	0	3.54E-06	3.54E-06	0.00E+00
COURSE GRID	393500.0	3737500.0	3.35E-06	0	3.35E-06	3.35E-06	0.00E+00
COURSE GRID	377000.0	3738000.0	1.74E-06	0	1.74E-06	1.74E-06	0.00E+00
COURSE GRID	377500.0	3738000.0	1.93E-06	0	1.93E-06	1.93E-06	0.00E+00
COURSE GRID	378000.0	3738000.0	2.16E-06	0	2.16E-06	2.16E-06	0.00E+00
COURSE GRID	378500.0	3738000.0	2.28E-06	0	2.28E-06	2.28E-06	0.00E+00
COURSE GRID	379000.0	3738000.0	2.60E-06	0	2.60E-06	2.60E-06	0.00E+00
COURSE GRID	379500.0	3738000.0	3.26E-06	0	3.26E-06	3.26E-06	0.00E+00
COURSE GRID	380000.0	3738000.0	3.65E-06	0	3.65E-06	3.65E-06	0.00E+00
COURSE GRID	380500.0	3738000.0	3.66E-06	0	3.66E-06	3.66E-06	0.00E+00
COURSE GRID	381000.0	3738000.0	4.07E-06	0	4.07E-06	4.07E-06	0.00E+00
COURSE GRID	381500.0	3738000.0	4.68E-06	0	4.68E-06	4.68E-06	0.00E+00
COURSE GRID	382000.0	3738000.0	5.43E-06	0	5.43E-06	5.43E-06	0.00E+00
COURSE GRID	382500.0	3738000.0	6.51E-06	0	6.51E-06	6.51E-06	0.00E+00
COURSE GRID	383000.0	3738000.0	7.19E-06	0	7.19E-06	7.19E-06	0.00E+00
COURSE GRID	383500.0	3738000.0	7.41E-06	0	7.41E-06	7.41E-06	0.00E+00
COURSE GRID	384000.0	3738000.0	7.87E-06	0	7.87E-06	7.87E-06	0.00E+00
COURSE GRID	384500.0	3738000.0	8.03E-06	0	8.03E-06	8.03E-06	0.00E+00
COURSE GRID	385000.0	3738000.0	7.65E-06	0	7.65E-06	7.65E-06	0.00E+00
COURSE GRID	385500.0	3738000.0	8.45E-06	0	8.45E-06	8.45E-06	0.00E+00

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	386000.0	3738000.0	1.02E-05	0	1.02E-05	1.02E-05	0.00E+00	
COURSE GRID	386500.0	3738000.0	1.61E-05	0	1.61E-05	1.61E-05	0.00E+00	
COURSE GRID	387000.0	3738000.0	3.10E-05	0	3.10E-05	3.10E-05	0.00E+00	
COURSE GRID	387500.0	3738000.0	1.39E-05	0	1.39E-05	1.39E-05	0.00E+00	
COURSE GRID	388000.0	3738000.0	1.08E-05	0	1.08E-05	1.08E-05	0.00E+00	
COURSE GRID	388500.0	3738000.0	7.68E-06	0	7.68E-06	7.68E-06	0.00E+00	
COURSE GRID	389000.0	3738000.0	6.25E-06	0	6.25E-06	6.25E-06	0.00E+00	
COURSE GRID	389500.0	3738000.0	5.28E-06	0	5.28E-06	5.28E-06	0.00E+00	
COURSE GRID	390000.0	3738000.0	4.67E-06	0	4.67E-06	4.67E-06	0.00E+00	
COURSE GRID	390500.0	3738000.0	4.22E-06	0	4.22E-06	4.22E-06	0.00E+00	
COURSE GRID	391000.0	3738000.0	3.92E-06	0	3.92E-06	3.92E-06	0.00E+00	
COURSE GRID	391500.0	3738000.0	3.66E-06	0	3.66E-06	3.66E-06	0.00E+00	
COURSE GRID	392000.0	3738000.0	3.45E-06	0	3.45E-06	3.45E-06	0.00E+00	
COURSE GRID	392500.0	3738000.0	3.28E-06	0	3.28E-06	3.28E-06	0.00E+00	
COURSE GRID	393000.0	3738000.0	3.13E-06	0	3.13E-06	3.13E-06	0.00E+00	
COURSE GRID	393500.0	3738000.0	3.03E-06	0	3.03E-06	3.03E-06	0.00E+00	
COURSE GRID	377000.0	3738500.0	1.72E-06	0	1.72E-06	1.72E-06	0.00E+00	
COURSE GRID	377500.0	3738500.0	2.16E-06	0	2.16E-06	2.16E-06	0.00E+00	
COURSE GRID	378000.0	3738500.0	2.22E-06	0	2.22E-06	2.22E-06	0.00E+00	
COURSE GRID	378500.0	3738500.0	2.40E-06	0	2.40E-06	2.40E-06	0.00E+00	
COURSE GRID	379000.0	3738500.0	2.51E-06	0	2.51E-06	2.51E-06	0.00E+00	
COURSE GRID	379500.0	3738500.0	2.87E-06	0	2.87E-06	2.87E-06	0.00E+00	
COURSE GRID	380000.0	3738500.0	3.29E-06	0	3.29E-06	3.29E-06	0.00E+00	
COURSE GRID	380500.0	3738500.0	3.48E-06	0	3.48E-06	3.48E-06	0.00E+00	
COURSE GRID	381000.0	3738500.0	3.96E-06	0	3.96E-06	3.96E-06	0.00E+00	
COURSE GRID	381500.0	3738500.0	4.30E-06	0	4.30E-06	4.30E-06	0.00E+00	
COURSE GRID	382000.0	3738500.0	5.01E-06	0	5.01E-06	5.01E-06	0.00E+00	
COURSE GRID	382500.0	3738500.0	5.44E-06	0	5.44E-06	5.44E-06	0.00E+00	
COURSE GRID	383000.0	3738500.0	5.93E-06	0	5.93E-06	5.93E-06	0.00E+00	
COURSE GRID	383500.0	3738500.0	6.36E-06	0	6.36E-06	6.36E-06	0.00E+00	
COURSE GRID	384000.0	3738500.0	6.81E-06	0	6.81E-06	6.81E-06	0.00E+00	
COURSE GRID	384500.0	3738500.0	7.48E-06	0	7.48E-06	7.48E-06	0.00E+00	
COURSE GRID	385000.0	3738500.0	7.71E-06	0	7.71E-06	7.71E-06	0.00E+00	

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE			
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	385500.0	3738500.0	8.80E-06	0	8.80E-06	8.80E-06	0.00E+00
COURSE GRID	386000.0	3738500.0	1.22E-05	0	1.22E-05	1.22E-05	0.00E+00
COURSE GRID	386500.0	3738500.0	1.67E-05	0	1.67E-05	1.67E-05	0.00E+00
COURSE GRID	387000.0	3738500.0	1.56E-05	0	1.56E-05	1.56E-05	0.00E+00
COURSE GRID	387500.0	3738500.0	8.48E-06	0	8.48E-06	8.48E-06	0.00E+00
COURSE GRID	388000.0	3738500.0	6.33E-06	0	6.33E-06	6.33E-06	0.00E+00
COURSE GRID	388500.0	3738500.0	5.39E-06	0	5.39E-06	5.39E-06	0.00E+00
COURSE GRID	389000.0	3738500.0	4.62E-06	0	4.62E-06	4.62E-06	0.00E+00
COURSE GRID	389500.0	3738500.0	4.13E-06	0	4.13E-06	4.13E-06	0.00E+00
COURSE GRID	390000.0	3738500.0	3.80E-06	0	3.80E-06	3.80E-06	0.00E+00
COURSE GRID	390500.0	3738500.0	3.56E-06	0	3.56E-06	3.56E-06	0.00E+00
COURSE GRID	391000.0	3738500.0	3.37E-06	0	3.37E-06	3.37E-06	0.00E+00
COURSE GRID	391500.0	3738500.0	3.21E-06	0	3.21E-06	3.21E-06	0.00E+00
COURSE GRID	392000.0	3738500.0	3.08E-06	0	3.08E-06	3.08E-06	0.00E+00
COURSE GRID	392500.0	3738500.0	2.96E-06	0	2.96E-06	2.96E-06	0.00E+00
COURSE GRID	393000.0	3738500.0	2.83E-06	0	2.83E-06	2.83E-06	0.00E+00
COURSE GRID	393500.0	3738500.0	2.75E-06	0	2.75E-06	2.75E-06	0.00E+00
COURSE GRID	377000.0	3739000.0	2.17E-06	0	2.17E-06	2.17E-06	0.00E+00
COURSE GRID	377500.0	3739000.0	2.38E-06	0	2.38E-06	2.38E-06	0.00E+00
COURSE GRID	378000.0	3739000.0	2.29E-06	0	2.29E-06	2.29E-06	0.00E+00
COURSE GRID	378500.0	3739000.0	2.37E-06	0	2.37E-06	2.37E-06	0.00E+00
COURSE GRID	379000.0	3739000.0	2.54E-06	0	2.54E-06	2.54E-06	0.00E+00
COURSE GRID	379500.0	3739000.0	2.85E-06	0	2.85E-06	2.85E-06	0.00E+00
COURSE GRID	380000.0	3739000.0	3.08E-06	0	3.08E-06	3.08E-06	0.00E+00
COURSE GRID	380500.0	3739000.0	3.38E-06	0	3.38E-06	3.38E-06	0.00E+00
COURSE GRID	381000.0	3739000.0	3.70E-06	0	3.70E-06	3.70E-06	0.00E+00
COURSE GRID	381500.0	3739000.0	4.08E-06	0	4.08E-06	4.08E-06	0.00E+00
COURSE GRID	382000.0	3739000.0	4.50E-06	0	4.50E-06	4.50E-06	0.00E+00
COURSE GRID	382500.0	3739000.0	4.82E-06	0	4.82E-06	4.82E-06	0.00E+00
COURSE GRID	383000.0	3739000.0	5.20E-06	0	5.20E-06	5.20E-06	0.00E+00
COURSE GRID	383500.0	3739000.0	5.66E-06	0	5.66E-06	5.66E-06	0.00E+00
COURSE GRID	384000.0	3739000.0	6.08E-06	0	6.08E-06	6.08E-06	0.00E+00
COURSE GRID	384500.0	3739000.0	7.14E-06	0	7.14E-06	7.14E-06	0.00E+00

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	385000.0	3739000.0	7.69E-06	0	7.69E-06	7.69E-06	0.00E+00	
COURSE GRID	385500.0	3739000.0	9.23E-06	0	9.23E-06	9.23E-06	0.00E+00	
COURSE GRID	386000.0	3739000.0	1.12E-05	0	1.12E-05	1.12E-05	0.00E+00	
COURSE GRID	386500.0	3739000.0	1.19E-05	0	1.19E-05	1.19E-05	0.00E+00	
COURSE GRID	387000.0	3739000.0	9.79E-06	0	9.79E-06	9.79E-06	0.00E+00	
COURSE GRID	387500.0	3739000.0	6.92E-06	0	6.92E-06	6.92E-06	0.00E+00	
COURSE GRID	388000.0	3739000.0	5.14E-06	0	5.14E-06	5.14E-06	0.00E+00	
COURSE GRID	388500.0	3739000.0	4.32E-06	0	4.32E-06	4.32E-06	0.00E+00	
COURSE GRID	389000.0	3739000.0	3.88E-06	0	3.88E-06	3.88E-06	0.00E+00	
COURSE GRID	389500.0	3739000.0	3.40E-06	0	3.40E-06	3.40E-06	0.00E+00	
COURSE GRID	390000.0	3739000.0	3.20E-06	0	3.20E-06	3.20E-06	0.00E+00	
COURSE GRID	390500.0	3739000.0	3.07E-06	0	3.07E-06	3.07E-06	0.00E+00	
COURSE GRID	391000.0	3739000.0	2.95E-06	0	2.95E-06	2.95E-06	0.00E+00	
COURSE GRID	391500.0	3739000.0	2.88E-06	0	2.88E-06	2.88E-06	0.00E+00	
COURSE GRID	392000.0	3739000.0	2.77E-06	0	2.77E-06	2.77E-06	0.00E+00	
COURSE GRID	392500.0	3739000.0	2.67E-06	0	2.67E-06	2.67E-06	0.00E+00	
COURSE GRID	393000.0	3739000.0	2.51E-06	0	2.51E-06	2.51E-06	0.00E+00	
COURSE GRID	393500.0	3739000.0	2.42E-06	0	2.42E-06	2.42E-06	0.00E+00	
COURSE GRID	377000.0	3739500.0	2.03E-06	0	2.03E-06	2.03E-06	0.00E+00	
COURSE GRID	377500.0	3739500.0	2.11E-06	0	2.11E-06	2.11E-06	0.00E+00	
COURSE GRID	378000.0	3739500.0	2.22E-06	0	2.22E-06	2.22E-06	0.00E+00	
COURSE GRID	378500.0	3739500.0	2.35E-06	0	2.35E-06	2.35E-06	0.00E+00	
COURSE GRID	379000.0	3739500.0	2.54E-06	0	2.54E-06	2.54E-06	0.00E+00	
COURSE GRID	379500.0	3739500.0	2.66E-06	0	2.66E-06	2.66E-06	0.00E+00	
COURSE GRID	380000.0	3739500.0	2.89E-06	0	2.89E-06	2.89E-06	0.00E+00	
COURSE GRID	380500.0	3739500.0	3.30E-06	0	3.30E-06	3.30E-06	0.00E+00	
COURSE GRID	381000.0	3739500.0	3.49E-06	0	3.49E-06	3.49E-06	0.00E+00	
COURSE GRID	381500.0	3739500.0	3.80E-06	0	3.80E-06	3.80E-06	0.00E+00	
COURSE GRID	382000.0	3739500.0	4.07E-06	0	4.07E-06	4.07E-06	0.00E+00	
COURSE GRID	382500.0	3739500.0	4.42E-06	0	4.42E-06	4.42E-06	0.00E+00	
COURSE GRID	383000.0	3739500.0	4.69E-06	0	4.69E-06	4.69E-06	0.00E+00	
COURSE GRID	383500.0	3739500.0	5.21E-06	0	5.21E-06	5.21E-06	0.00E+00	
COURSE GRID	384000.0	3739500.0	5.71E-06	0	5.71E-06	5.71E-06	0.00E+00	

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE			
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	384500.0	3739500.0	6.93E-06	0	6.93E-06	6.93E-06	0.00E+00
COURSE GRID	385000.0	3739500.0	7.50E-06	0	7.50E-06	7.50E-06	0.00E+00
COURSE GRID	385500.0	3739500.0	8.39E-06	0	8.39E-06	8.39E-06	0.00E+00
COURSE GRID	386000.0	3739500.0	8.87E-06	0	8.87E-06	8.87E-06	0.00E+00
COURSE GRID	386500.0	3739500.0	8.33E-06	0	8.33E-06	8.33E-06	0.00E+00
COURSE GRID	387000.0	3739500.0	7.22E-06	0	7.22E-06	7.22E-06	0.00E+00
COURSE GRID	387500.0	3739500.0	5.61E-06	0	5.61E-06	5.61E-06	0.00E+00
COURSE GRID	388000.0	3739500.0	4.55E-06	0	4.55E-06	4.55E-06	0.00E+00
COURSE GRID	388500.0	3739500.0	3.62E-06	0	3.62E-06	3.62E-06	0.00E+00
COURSE GRID	389000.0	3739500.0	3.44E-06	0	3.44E-06	3.44E-06	0.00E+00
COURSE GRID	389500.0	3739500.0	3.13E-06	0	3.13E-06	3.13E-06	0.00E+00
COURSE GRID	390000.0	3739500.0	2.82E-06	0	2.82E-06	2.82E-06	0.00E+00
COURSE GRID	390500.0	3739500.0	2.71E-06	0	2.71E-06	2.71E-06	0.00E+00
COURSE GRID	391000.0	3739500.0	2.63E-06	0	2.63E-06	2.63E-06	0.00E+00
COURSE GRID	391500.0	3739500.0	2.57E-06	0	2.57E-06	2.57E-06	0.00E+00
COURSE GRID	392000.0	3739500.0	2.50E-06	0	2.50E-06	2.50E-06	0.00E+00
COURSE GRID	392500.0	3739500.0	2.33E-06	0	2.33E-06	2.33E-06	0.00E+00
COURSE GRID	393000.0	3739500.0	2.20E-06	0	2.20E-06	2.20E-06	0.00E+00
COURSE GRID	393500.0	3739500.0	2.08E-06	0	2.08E-06	2.08E-06	0.00E+00
COURSE GRID	377000.0	3740000.0	1.94E-06	0	1.94E-06	1.94E-06	0.00E+00
COURSE GRID	377500.0	3740000.0	2.04E-06	0	2.04E-06	2.04E-06	0.00E+00
COURSE GRID	378000.0	3740000.0	2.15E-06	0	2.15E-06	2.15E-06	0.00E+00
COURSE GRID	378500.0	3740000.0	2.29E-06	0	2.29E-06	2.29E-06	0.00E+00
COURSE GRID	379000.0	3740000.0	2.33E-06	0	2.33E-06	2.33E-06	0.00E+00
COURSE GRID	379500.0	3740000.0	2.51E-06	0	2.51E-06	2.51E-06	0.00E+00
COURSE GRID	380000.0	3740000.0	2.83E-06	0	2.83E-06	2.83E-06	0.00E+00
COURSE GRID	380500.0	3740000.0	3.01E-06	0	3.01E-06	3.01E-06	0.00E+00
COURSE GRID	381000.0	3740000.0	3.28E-06	0	3.28E-06	3.28E-06	0.00E+00
COURSE GRID	381500.0	3740000.0	3.58E-06	0	3.58E-06	3.58E-06	0.00E+00
COURSE GRID	382000.0	3740000.0	3.78E-06	0	3.78E-06	3.78E-06	0.00E+00
COURSE GRID	382500.0	3740000.0	4.13E-06	0	4.13E-06	4.13E-06	0.00E+00
COURSE GRID	383000.0	3740000.0	4.45E-06	0	4.45E-06	4.45E-06	0.00E+00
COURSE GRID	383500.0	3740000.0	5.00E-06	0	5.00E-06	5.00E-06	0.00E+00

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	384000.0	3740000.0	5.52E-06	0	5.52E-06	5.52E-06	0.00E+00	
COURSE GRID	384500.0	3740000.0	6.55E-06	0	6.55E-06	6.55E-06	0.00E+00	
COURSE GRID	385000.0	3740000.0	6.92E-06	0	6.92E-06	6.92E-06	0.00E+00	
COURSE GRID	385500.0	3740000.0	7.08E-06	0	7.08E-06	7.08E-06	0.00E+00	
COURSE GRID	386000.0	3740000.0	6.92E-06	0	6.92E-06	6.92E-06	0.00E+00	
COURSE GRID	386500.0	3740000.0	6.43E-06	0	6.43E-06	6.43E-06	0.00E+00	
COURSE GRID	387000.0	3740000.0	5.77E-06	0	5.77E-06	5.77E-06	0.00E+00	
COURSE GRID	387500.0	3740000.0	4.82E-06	0	4.82E-06	4.82E-06	0.00E+00	
COURSE GRID	388000.0	3740000.0	4.09E-06	0	4.09E-06	4.09E-06	0.00E+00	
COURSE GRID	388500.0	3740000.0	3.42E-06	0	3.42E-06	3.42E-06	0.00E+00	
COURSE GRID	389000.0	3740000.0	3.06E-06	0	3.06E-06	3.06E-06	0.00E+00	
COURSE GRID	389500.0	3740000.0	2.88E-06	0	2.88E-06	2.88E-06	0.00E+00	
COURSE GRID	390000.0	3740000.0	2.60E-06	0	2.60E-06	2.60E-06	0.00E+00	
COURSE GRID	390500.0	3740000.0	2.48E-06	0	2.48E-06	2.48E-06	0.00E+00	
COURSE GRID	391000.0	3740000.0	2.39E-06	0	2.39E-06	2.39E-06	0.00E+00	
COURSE GRID	391500.0	3740000.0	2.30E-06	0	2.30E-06	2.30E-06	0.00E+00	
COURSE GRID	392000.0	3740000.0	2.08E-06	0	2.08E-06	2.08E-06	0.00E+00	
COURSE GRID	392500.0	3740000.0	1.87E-06	0	1.87E-06	1.87E-06	0.00E+00	
COURSE GRID	393000.0	3740000.0	1.93E-06	0	1.93E-06	1.93E-06	0.00E+00	
COURSE GRID	393500.0	3740000.0	2.01E-06	0	2.01E-06	2.01E-06	0.00E+00	
COURSE GRID	377000.0	3740500.0	1.88E-06	0	1.88E-06	1.88E-06	0.00E+00	
COURSE GRID	377500.0	3740500.0	1.99E-06	0	1.99E-06	1.99E-06	0.00E+00	
COURSE GRID	378000.0	3740500.0	2.11E-06	0	2.11E-06	2.11E-06	0.00E+00	
COURSE GRID	378500.0	3740500.0	2.15E-06	0	2.15E-06	2.15E-06	0.00E+00	
COURSE GRID	379000.0	3740500.0	2.29E-06	0	2.29E-06	2.29E-06	0.00E+00	
COURSE GRID	379500.0	3740500.0	2.50E-06	0	2.50E-06	2.50E-06	0.00E+00	
COURSE GRID	380000.0	3740500.0	2.61E-06	0	2.61E-06	2.61E-06	0.00E+00	
COURSE GRID	380500.0	3740500.0	2.85E-06	0	2.85E-06	2.85E-06	0.00E+00	
COURSE GRID	381000.0	3740500.0	3.14E-06	0	3.14E-06	3.14E-06	0.00E+00	
COURSE GRID	381500.0	3740500.0	3.36E-06	0	3.36E-06	3.36E-06	0.00E+00	
COURSE GRID	382000.0	3740500.0	3.56E-06	0	3.56E-06	3.56E-06	0.00E+00	
COURSE GRID	382500.0	3740500.0	3.90E-06	0	3.90E-06	3.90E-06	0.00E+00	
COURSE GRID	383000.0	3740500.0	4.23E-06	0	4.23E-06	4.23E-06	0.00E+00	

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE			
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	383500.0	3740500.0	4.81E-06	0	4.81E-06	4.81E-06	0.00E+00
COURSE GRID	384000.0	3740500.0	5.25E-06	0	5.25E-06	5.25E-06	0.00E+00
COURSE GRID	384500.0	3740500.0	6.13E-06	0	6.13E-06	6.13E-06	0.00E+00
COURSE GRID	385000.0	3740500.0	6.13E-06	0	6.13E-06	6.13E-06	0.00E+00
COURSE GRID	385500.0	3740500.0	5.94E-06	0	5.94E-06	5.94E-06	0.00E+00
COURSE GRID	386000.0	3740500.0	5.57E-06	0	5.57E-06	5.57E-06	0.00E+00
COURSE GRID	386500.0	3740500.0	5.09E-06	0	5.09E-06	5.09E-06	0.00E+00
COURSE GRID	387000.0	3740500.0	4.78E-06	0	4.78E-06	4.78E-06	0.00E+00
COURSE GRID	387500.0	3740500.0	4.21E-06	0	4.21E-06	4.21E-06	0.00E+00
COURSE GRID	388000.0	3740500.0	3.69E-06	0	3.69E-06	3.69E-06	0.00E+00
COURSE GRID	388500.0	3740500.0	3.23E-06	0	3.23E-06	3.23E-06	0.00E+00
COURSE GRID	389000.0	3740500.0	2.80E-06	0	2.80E-06	2.80E-06	0.00E+00
COURSE GRID	389500.0	3740500.0	2.60E-06	0	2.60E-06	2.60E-06	0.00E+00
COURSE GRID	390000.0	3740500.0	2.45E-06	0	2.45E-06	2.45E-06	0.00E+00
COURSE GRID	390500.0	3740500.0	2.31E-06	0	2.31E-06	2.31E-06	0.00E+00
COURSE GRID	391000.0	3740500.0	2.12E-06	0	2.12E-06	2.12E-06	0.00E+00
COURSE GRID	391500.0	3740500.0	1.97E-06	0	1.97E-06	1.97E-06	0.00E+00
COURSE GRID	392000.0	3740500.0	1.65E-06	0	1.65E-06	1.65E-06	0.00E+00
COURSE GRID	392500.0	3740500.0	1.53E-06	0	1.53E-06	1.53E-06	0.00E+00
COURSE GRID	393000.0	3740500.0	1.78E-06	0	1.78E-06	1.78E-06	0.00E+00
COURSE GRID	393500.0	3740500.0	1.86E-06	0	1.86E-06	1.86E-06	0.00E+00
COURSE GRID	377000.0	3741000.0	1.83E-06	0	1.83E-06	1.83E-06	0.00E+00
COURSE GRID	377500.0	3741000.0	1.93E-06	0	1.93E-06	1.93E-06	0.00E+00
COURSE GRID	378000.0	3741000.0	1.96E-06	0	1.96E-06	1.96E-06	0.00E+00
COURSE GRID	378500.0	3741000.0	2.03E-06	0	2.03E-06	2.03E-06	0.00E+00
COURSE GRID	379000.0	3741000.0	2.26E-06	0	2.26E-06	2.26E-06	0.00E+00
COURSE GRID	379500.0	3741000.0	2.44E-06	0	2.44E-06	2.44E-06	0.00E+00
COURSE GRID	380000.0	3741000.0	2.50E-06	0	2.50E-06	2.50E-06	0.00E+00
COURSE GRID	380500.0	3741000.0	2.77E-06	0	2.77E-06	2.77E-06	0.00E+00
COURSE GRID	381000.0	3741000.0	3.08E-06	0	3.08E-06	3.08E-06	0.00E+00
COURSE GRID	381500.0	3741000.0	3.15E-06	0	3.15E-06	3.15E-06	0.00E+00
COURSE GRID	382000.0	3741000.0	3.46E-06	0	3.46E-06	3.46E-06	0.00E+00
COURSE GRID	382500.0	3741000.0	3.74E-06	0	3.74E-06	3.74E-06	0.00E+00

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	383000.0	3741000.0	4.07E-06	0	4.07E-06	4.07E-06	0.00E+00	
COURSE GRID	383500.0	3741000.0	4.57E-06	0	4.57E-06	4.57E-06	0.00E+00	
COURSE GRID	384000.0	3741000.0	4.87E-06	0	4.87E-06	4.87E-06	0.00E+00	
COURSE GRID	384500.0	3741000.0	5.27E-06	0	5.27E-06	5.27E-06	0.00E+00	
COURSE GRID	385000.0	3741000.0	5.45E-06	0	5.45E-06	5.45E-06	0.00E+00	
COURSE GRID	385500.0	3741000.0	5.08E-06	0	5.08E-06	5.08E-06	0.00E+00	
COURSE GRID	386000.0	3741000.0	4.86E-06	0	4.86E-06	4.86E-06	0.00E+00	
COURSE GRID	386500.0	3741000.0	4.34E-06	0	4.34E-06	4.34E-06	0.00E+00	
COURSE GRID	387000.0	3741000.0	4.03E-06	0	4.03E-06	4.03E-06	0.00E+00	
COURSE GRID	387500.0	3741000.0	3.75E-06	0	3.75E-06	3.75E-06	0.00E+00	
COURSE GRID	388000.0	3741000.0	3.35E-06	0	3.35E-06	3.35E-06	0.00E+00	
COURSE GRID	388500.0	3741000.0	3.05E-06	0	3.05E-06	3.05E-06	0.00E+00	
COURSE GRID	389000.0	3741000.0	2.67E-06	0	2.67E-06	2.67E-06	0.00E+00	
COURSE GRID	389500.0	3741000.0	2.39E-06	0	2.39E-06	2.39E-06	0.00E+00	
COURSE GRID	390000.0	3741000.0	2.29E-06	0	2.29E-06	2.29E-06	0.00E+00	
COURSE GRID	390500.0	3741000.0	2.11E-06	0	2.11E-06	2.11E-06	0.00E+00	
COURSE GRID	391000.0	3741000.0	1.95E-06	0	1.95E-06	1.95E-06	0.00E+00	
COURSE GRID	391500.0	3741000.0	1.72E-06	0	1.72E-06	1.72E-06	0.00E+00	
COURSE GRID	392000.0	3741000.0	1.72E-06	0	1.72E-06	1.72E-06	0.00E+00	
COURSE GRID	392500.0	3741000.0	1.72E-06	0	1.72E-06	1.72E-06	0.00E+00	
COURSE GRID	393000.0	3741000.0	1.73E-06	0	1.73E-06	1.73E-06	0.00E+00	
COURSE GRID	393500.0	3741000.0	1.75E-06	0	1.75E-06	1.75E-06	0.00E+00	
COURSE GRID	377000.0	3741500.0	1.78E-06	0	1.78E-06	1.78E-06	0.00E+00	
COURSE GRID	377500.0	3741500.0	1.78E-06	0	1.78E-06	1.78E-06	0.00E+00	
COURSE GRID	378000.0	3741500.0	1.83E-06	0	1.83E-06	1.83E-06	0.00E+00	
COURSE GRID	378500.0	3741500.0	2.02E-06	0	2.02E-06	2.02E-06	0.00E+00	
COURSE GRID	379000.0	3741500.0	2.18E-06	0	2.18E-06	2.18E-06	0.00E+00	
COURSE GRID	379500.0	3741500.0	2.29E-06	0	2.29E-06	2.29E-06	0.00E+00	
COURSE GRID	380000.0	3741500.0	2.53E-06	0	2.53E-06	2.53E-06	0.00E+00	
COURSE GRID	380500.0	3741500.0	2.66E-06	0	2.66E-06	2.66E-06	0.00E+00	
COURSE GRID	381000.0	3741500.0	2.95E-06	0	2.95E-06	2.95E-06	0.00E+00	
COURSE GRID	381500.0	3741500.0	3.05E-06	0	3.05E-06	3.05E-06	0.00E+00	
COURSE GRID	382000.0	3741500.0	3.34E-06	0	3.34E-06	3.34E-06	0.00E+00	

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	382500.0	3741500.0	3.61E-06	0	3.61E-06	3.61E-06	0.00E+00	
COURSE GRID	383000.0	3741500.0	3.92E-06	0	3.92E-06	3.92E-06	0.00E+00	
COURSE GRID	383500.0	3741500.0	4.25E-06	0	4.25E-06	4.25E-06	0.00E+00	
COURSE GRID	384000.0	3741500.0	4.44E-06	0	4.44E-06	4.44E-06	0.00E+00	
COURSE GRID	384500.0	3741500.0	4.61E-06	0	4.61E-06	4.61E-06	0.00E+00	
COURSE GRID	385000.0	3741500.0	4.75E-06	0	4.75E-06	4.75E-06	0.00E+00	
COURSE GRID	385500.0	3741500.0	4.53E-06	0	4.53E-06	4.53E-06	0.00E+00	
COURSE GRID	386000.0	3741500.0	4.26E-06	0	4.26E-06	4.26E-06	0.00E+00	
COURSE GRID	386500.0	3741500.0	3.85E-06	0	3.85E-06	3.85E-06	0.00E+00	
COURSE GRID	387000.0	3741500.0	3.56E-06	0	3.56E-06	3.56E-06	0.00E+00	
COURSE GRID	387500.0	3741500.0	3.31E-06	0	3.31E-06	3.31E-06	0.00E+00	
COURSE GRID	388000.0	3741500.0	3.08E-06	0	3.08E-06	3.08E-06	0.00E+00	
COURSE GRID	388500.0	3741500.0	2.85E-06	0	2.85E-06	2.85E-06	0.00E+00	
COURSE GRID	389000.0	3741500.0	2.59E-06	0	2.59E-06	2.59E-06	0.00E+00	
COURSE GRID	389500.0	3741500.0	2.29E-06	0	2.29E-06	2.29E-06	0.00E+00	
COURSE GRID	390000.0	3741500.0	2.09E-06	0	2.09E-06	2.09E-06	0.00E+00	
COURSE GRID	390500.0	3741500.0	1.96E-06	0	1.96E-06	1.96E-06	0.00E+00	
COURSE GRID	391000.0	3741500.0	1.87E-06	0	1.87E-06	1.87E-06	0.00E+00	
COURSE GRID	391500.0	3741500.0	1.74E-06	0	1.74E-06	1.74E-06	0.00E+00	
COURSE GRID	392000.0	3741500.0	1.68E-06	0	1.68E-06	1.68E-06	0.00E+00	
COURSE GRID	392500.0	3741500.0	1.67E-06	0	1.67E-06	1.67E-06	0.00E+00	
COURSE GRID	393000.0	3741500.0	1.70E-06	0	1.70E-06	1.70E-06	0.00E+00	
COURSE GRID	393500.0	3741500.0	1.71E-06	0	1.71E-06	1.71E-06	0.00E+00	
COURSE GRID	377000.0	3742000.0	1.69E-06	0	1.69E-06	1.69E-06	0.00E+00	
COURSE GRID	377500.0	3742000.0	1.71E-06	0	1.71E-06	1.71E-06	0.00E+00	
COURSE GRID	378000.0	3742000.0	1.84E-06	0	1.84E-06	1.84E-06	0.00E+00	
COURSE GRID	378500.0	3742000.0	2.00E-06	0	2.00E-06	2.00E-06	0.00E+00	
COURSE GRID	379000.0	3742000.0	2.08E-06	0	2.08E-06	2.08E-06	0.00E+00	
COURSE GRID	379500.0	3742000.0	2.22E-06	0	2.22E-06	2.22E-06	0.00E+00	
COURSE GRID	380000.0	3742000.0	2.38E-06	0	2.38E-06	2.38E-06	0.00E+00	
COURSE GRID	380500.0	3742000.0	2.66E-06	0	2.66E-06	2.66E-06	0.00E+00	
COURSE GRID	381000.0	3742000.0	2.82E-06	0	2.82E-06	2.82E-06	0.00E+00	
COURSE GRID	381500.0	3742000.0	2.97E-06	0	2.97E-06	2.97E-06	0.00E+00	

CANCER RISK - RESIDENTIAL

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE			
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	382000.0	3742000.0	3.24E-06	0	3.24E-06	3.24E-06	0.00E+00
COURSE GRID	382500.0	3742000.0	3.44E-06	0	3.44E-06	3.44E-06	0.00E+00
COURSE GRID	383000.0	3742000.0	3.68E-06	0	3.68E-06	3.68E-06	0.00E+00
COURSE GRID	383500.0	3742000.0	3.92E-06	0	3.92E-06	3.92E-06	0.00E+00
COURSE GRID	384000.0	3742000.0	4.01E-06	0	4.01E-06	4.01E-06	0.00E+00
COURSE GRID	384500.0	3742000.0	4.07E-06	0	4.07E-06	4.07E-06	0.00E+00
COURSE GRID	385000.0	3742000.0	4.25E-06	0	4.25E-06	4.25E-06	0.00E+00
COURSE GRID	385500.0	3742000.0	3.97E-06	0	3.97E-06	3.97E-06	0.00E+00
COURSE GRID	386000.0	3742000.0	3.73E-06	0	3.73E-06	3.73E-06	0.00E+00
COURSE GRID	386500.0	3742000.0	3.44E-06	0	3.44E-06	3.44E-06	0.00E+00
COURSE GRID	387000.0	3742000.0	3.17E-06	0	3.17E-06	3.17E-06	0.00E+00
COURSE GRID	387500.0	3742000.0	2.97E-06	0	2.97E-06	2.97E-06	0.00E+00
COURSE GRID	388000.0	3742000.0	2.82E-06	0	2.82E-06	2.82E-06	0.00E+00
COURSE GRID	388500.0	3742000.0	2.70E-06	0	2.70E-06	2.70E-06	0.00E+00
COURSE GRID	389000.0	3742000.0	2.49E-06	0	2.49E-06	2.49E-06	0.00E+00
COURSE GRID	389500.0	3742000.0	2.25E-06	0	2.25E-06	2.25E-06	0.00E+00
COURSE GRID	390000.0	3742000.0	1.93E-06	0	1.93E-06	1.93E-06	0.00E+00
COURSE GRID	390500.0	3742000.0	1.73E-06	0	1.73E-06	1.73E-06	0.00E+00
COURSE GRID	391000.0	3742000.0	1.74E-06	0	1.74E-06	1.74E-06	0.00E+00
COURSE GRID	391500.0	3742000.0	1.74E-06	0	1.74E-06	1.74E-06	0.00E+00
COURSE GRID	392000.0	3742000.0	1.67E-06	0	1.67E-06	1.67E-06	0.00E+00
COURSE GRID	392500.0	3742000.0	1.64E-06	0	1.64E-06	1.64E-06	0.00E+00
COURSE GRID	393000.0	3742000.0	1.62E-06	0	1.62E-06	1.62E-06	0.00E+00
COURSE GRID	393500.0	3742000.0	1.63E-06	0	1.63E-06	1.63E-06	0.00E+00

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	377000.0	3728500.0	3.87E-03	0	3.87E-03	3.87E-03	0.00E+00	
COURSE GRID	377500.0	3728500.0	3.86E-03	0	3.86E-03	3.86E-03	0.00E+00	
COURSE GRID	378000.0	3728500.0	3.87E-03	0	3.87E-03	3.87E-03	0.00E+00	
COURSE GRID	378500.0	3728500.0	4.00E-03	0	4.00E-03	4.00E-03	0.00E+00	
COURSE GRID	379000.0	3728500.0	4.18E-03	0	4.18E-03	4.18E-03	0.00E+00	
COURSE GRID	379500.0	3728500.0	4.39E-03	0	4.39E-03	4.39E-03	0.00E+00	
COURSE GRID	380000.0	3728500.0	4.74E-03	0	4.74E-03	4.74E-03	0.00E+00	
COURSE GRID	380500.0	3728500.0	5.11E-03	0	5.11E-03	5.11E-03	0.00E+00	
COURSE GRID	381000.0	3728500.0	5.34E-03	0	5.34E-03	5.34E-03	0.00E+00	
COURSE GRID	381500.0	3728500.0	5.58E-03	0	5.58E-03	5.58E-03	0.00E+00	
COURSE GRID	382000.0	3728500.0	6.21E-03	0	6.21E-03	6.21E-03	0.00E+00	
COURSE GRID	382500.0	3728500.0	6.99E-03	0	6.99E-03	6.99E-03	0.00E+00	
COURSE GRID	383000.0	3728500.0	8.81E-03	0	8.81E-03	8.81E-03	0.00E+00	
COURSE GRID	383500.0	3728500.0	1.03E-02	0	1.03E-02	1.03E-02	0.00E+00	
COURSE GRID	384000.0	3728500.0	1.15E-02	0	1.15E-02	1.15E-02	0.00E+00	
COURSE GRID	384500.0	3728500.0	1.25E-02	0	1.25E-02	1.25E-02	0.00E+00	
COURSE GRID	385000.0	3728500.0	1.34E-02	0	1.34E-02	1.34E-02	0.00E+00	
COURSE GRID	385500.0	3728500.0	1.28E-02	0	1.28E-02	1.28E-02	0.00E+00	
COURSE GRID	386000.0	3728500.0	1.25E-02	0	1.25E-02	1.25E-02	0.00E+00	
COURSE GRID	386500.0	3728500.0	1.23E-02	0	1.23E-02	1.23E-02	0.00E+00	
COURSE GRID	387000.0	3728500.0	1.19E-02	0	1.19E-02	1.19E-02	0.00E+00	
COURSE GRID	387500.0	3728500.0	1.11E-02	0	1.11E-02	1.11E-02	0.00E+00	
COURSE GRID	388000.0	3728500.0	1.08E-02	0	1.08E-02	1.08E-02	0.00E+00	
COURSE GRID	388500.0	3728500.0	1.12E-02	0	1.12E-02	1.12E-02	0.00E+00	
COURSE GRID	389000.0	3728500.0	1.14E-02	0	1.14E-02	1.14E-02	0.00E+00	
COURSE GRID	389500.0	3728500.0	1.14E-02	0	1.14E-02	1.14E-02	0.00E+00	
COURSE GRID	390000.0	3728500.0	1.16E-02	0	1.16E-02	1.16E-02	0.00E+00	
COURSE GRID	390500.0	3728500.0	1.19E-02	0	1.19E-02	1.19E-02	0.00E+00	
COURSE GRID	391000.0	3728500.0	1.18E-02	0	1.18E-02	1.18E-02	0.00E+00	
COURSE GRID	391500.0	3728500.0	1.18E-02	0	1.18E-02	1.18E-02	0.00E+00	
COURSE GRID	392000.0	3728500.0	1.18E-02	0	1.18E-02	1.18E-02	0.00E+00	
COURSE GRID	392500.0	3728500.0	1.19E-02	0	1.19E-02	1.19E-02	0.00E+00	
COURSE GRID	393000.0	3728500.0	1.20E-02	0	1.20E-02	1.20E-02	0.00E+00	
COURSE GRID	393500.0	3728500.0	1.20E-02	0	1.20E-02	1.20E-02	0.00E+00	
COURSE GRID	377000.0	3729000.0	3.98E-03	0	3.98E-03	3.98E-03	0.00E+00	
COURSE GRID	377500.0	3729000.0	4.20E-03	0	4.20E-03	4.20E-03	0.00E+00	
COURSE GRID	378000.0	3729000.0	4.18E-03	0	4.18E-03	4.18E-03	0.00E+00	
COURSE GRID	378500.0	3729000.0	4.20E-03	0	4.20E-03	4.20E-03	0.00E+00	

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	CEQA BASELINE	NEPA BASELINE	
COURSE GRID	379000.0	3729000.0	4.42E-03	0	4.42E-03	4.42E-03	0.00E+00	
COURSE GRID	379500.0	3729000.0	4.66E-03	0	4.66E-03	4.66E-03	0.00E+00	
COURSE GRID	380000.0	3729000.0	4.95E-03	0	4.95E-03	4.95E-03	0.00E+00	
COURSE GRID	380500.0	3729000.0	5.47E-03	0	5.47E-03	5.47E-03	0.00E+00	
COURSE GRID	381000.0	3729000.0	5.82E-03	0	5.82E-03	5.82E-03	0.00E+00	
COURSE GRID	381500.0	3729000.0	6.14E-03	0	6.14E-03	6.14E-03	0.00E+00	
COURSE GRID	382000.0	3729000.0	6.84E-03	0	6.84E-03	6.84E-03	0.00E+00	
COURSE GRID	382500.0	3729000.0	7.86E-03	0	7.86E-03	7.86E-03	0.00E+00	
COURSE GRID	383000.0	3729000.0	1.02E-02	0	1.02E-02	1.02E-02	0.00E+00	
COURSE GRID	383500.0	3729000.0	1.20E-02	0	1.20E-02	1.20E-02	0.00E+00	
COURSE GRID	384000.0	3729000.0	1.33E-02	0	1.33E-02	1.33E-02	0.00E+00	
COURSE GRID	384500.0	3729000.0	1.44E-02	0	1.44E-02	1.44E-02	0.00E+00	
COURSE GRID	385000.0	3729000.0	1.46E-02	0	1.46E-02	1.46E-02	0.00E+00	
COURSE GRID	385500.0	3729000.0	1.37E-02	0	1.37E-02	1.37E-02	0.00E+00	
COURSE GRID	386000.0	3729000.0	1.35E-02	0	1.35E-02	1.35E-02	0.00E+00	
COURSE GRID	386500.0	3729000.0	1.30E-02	0	1.30E-02	1.30E-02	0.00E+00	
COURSE GRID	387000.0	3729000.0	1.22E-02	0	1.22E-02	1.22E-02	0.00E+00	
COURSE GRID	387500.0	3729000.0	1.16E-02	0	1.16E-02	1.16E-02	0.00E+00	
COURSE GRID	388000.0	3729000.0	1.13E-02	0	1.13E-02	1.13E-02	0.00E+00	
COURSE GRID	388500.0	3729000.0	1.18E-02	0	1.18E-02	1.18E-02	0.00E+00	
COURSE GRID	389000.0	3729000.0	1.19E-02	0	1.19E-02	1.19E-02	0.00E+00	
COURSE GRID	389500.0	3729000.0	1.19E-02	0	1.19E-02	1.19E-02	0.00E+00	
COURSE GRID	390000.0	3729000.0	1.21E-02	0	1.21E-02	1.21E-02	0.00E+00	
COURSE GRID	390500.0	3729000.0	1.24E-02	0	1.24E-02	1.24E-02	0.00E+00	
COURSE GRID	391000.0	3729000.0	1.25E-02	0	1.25E-02	1.25E-02	0.00E+00	
COURSE GRID	391500.0	3729000.0	1.25E-02	0	1.25E-02	1.25E-02	0.00E+00	
COURSE GRID	392000.0	3729000.0	1.25E-02	0	1.25E-02	1.25E-02	0.00E+00	
COURSE GRID	392500.0	3729000.0	1.26E-02	0	1.26E-02	1.26E-02	0.00E+00	
COURSE GRID	393000.0	3729000.0	1.27E-02	0	1.27E-02	1.27E-02	0.00E+00	
COURSE GRID	393500.0	3729000.0	1.26E-02	0	1.26E-02	1.26E-02	0.00E+00	
COURSE GRID	377000.0	3729500.0	4.20E-03	0	4.20E-03	4.20E-03	0.00E+00	
COURSE GRID	377500.0	3729500.0	4.35E-03	0	4.35E-03	4.35E-03	0.00E+00	
COURSE GRID	378000.0	3729500.0	4.60E-03	0	4.60E-03	4.60E-03	0.00E+00	
COURSE GRID	378500.0	3729500.0	4.59E-03	0	4.59E-03	4.59E-03	0.00E+00	
COURSE GRID	379000.0	3729500.0	4.67E-03	0	4.67E-03	4.67E-03	0.00E+00	
COURSE GRID	379500.0	3729500.0	5.00E-03	0	5.00E-03	5.00E-03	0.00E+00	
COURSE GRID	380000.0	3729500.0	5.32E-03	0	5.32E-03	5.32E-03	0.00E+00	
COURSE GRID	380500.0	3729500.0	5.85E-03	0	5.85E-03	5.85E-03	0.00E+00	

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE			
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	381000.0	3729500.0	6.35E-03	0	6.35E-03	6.35E-03	0.00E+00
COURSE GRID	381500.0	3729500.0	6.85E-03	0	6.85E-03	6.85E-03	0.00E+00
COURSE GRID	382000.0	3729500.0	7.75E-03	0	7.75E-03	7.75E-03	0.00E+00
COURSE GRID	382500.0	3729500.0	9.12E-03	0	9.12E-03	9.12E-03	0.00E+00
COURSE GRID	383000.0	3729500.0	1.21E-02	0	1.21E-02	1.21E-02	0.00E+00
COURSE GRID	383500.0	3729500.0	1.45E-02	0	1.45E-02	1.45E-02	0.00E+00
COURSE GRID	384000.0	3729500.0	1.57E-02	0	1.57E-02	1.57E-02	0.00E+00
COURSE GRID	384500.0	3729500.0	1.68E-02	0	1.68E-02	1.68E-02	0.00E+00
COURSE GRID	385000.0	3729500.0	1.58E-02	0	1.58E-02	1.58E-02	0.00E+00
COURSE GRID	385500.0	3729500.0	1.47E-02	0	1.47E-02	1.47E-02	0.00E+00
COURSE GRID	386000.0	3729500.0	1.46E-02	0	1.46E-02	1.46E-02	0.00E+00
COURSE GRID	386500.0	3729500.0	1.34E-02	0	1.34E-02	1.34E-02	0.00E+00
COURSE GRID	387000.0	3729500.0	1.28E-02	0	1.28E-02	1.28E-02	0.00E+00
COURSE GRID	387500.0	3729500.0	1.21E-02	0	1.21E-02	1.21E-02	0.00E+00
COURSE GRID	388000.0	3729500.0	1.19E-02	0	1.19E-02	1.19E-02	0.00E+00
COURSE GRID	388500.0	3729500.0	1.25E-02	0	1.25E-02	1.25E-02	0.00E+00
COURSE GRID	389000.0	3729500.0	1.23E-02	0	1.23E-02	1.23E-02	0.00E+00
COURSE GRID	389500.0	3729500.0	1.24E-02	0	1.24E-02	1.24E-02	0.00E+00
COURSE GRID	390000.0	3729500.0	1.29E-02	0	1.29E-02	1.29E-02	0.00E+00
COURSE GRID	390500.0	3729500.0	1.33E-02	0	1.33E-02	1.33E-02	0.00E+00
COURSE GRID	391000.0	3729500.0	1.33E-02	0	1.33E-02	1.33E-02	0.00E+00
COURSE GRID	391500.0	3729500.0	1.33E-02	0	1.33E-02	1.33E-02	0.00E+00
COURSE GRID	392000.0	3729500.0	1.34E-02	0	1.34E-02	1.34E-02	0.00E+00
COURSE GRID	392500.0	3729500.0	1.34E-02	0	1.34E-02	1.34E-02	0.00E+00
COURSE GRID	393000.0	3729500.0	1.34E-02	0	1.34E-02	1.34E-02	0.00E+00
COURSE GRID	393500.0	3729500.0	1.33E-02	0	1.33E-02	1.33E-02	0.00E+00
COURSE GRID	377000.0	3730000.0	4.60E-03	0	4.60E-03	4.60E-03	0.00E+00
COURSE GRID	377500.0	3730000.0	4.70E-03	0	4.70E-03	4.70E-03	0.00E+00
COURSE GRID	378000.0	3730000.0	4.87E-03	0	4.87E-03	4.87E-03	0.00E+00
COURSE GRID	378500.0	3730000.0	5.14E-03	0	5.14E-03	5.14E-03	0.00E+00
COURSE GRID	379000.0	3730000.0	5.15E-03	0	5.15E-03	5.15E-03	0.00E+00
COURSE GRID	379500.0	3730000.0	5.38E-03	0	5.38E-03	5.38E-03	0.00E+00
COURSE GRID	380000.0	3730000.0	5.80E-03	0	5.80E-03	5.80E-03	0.00E+00
COURSE GRID	380500.0	3730000.0	6.34E-03	0	6.34E-03	6.34E-03	0.00E+00
COURSE GRID	381000.0	3730000.0	7.00E-03	0	7.00E-03	7.00E-03	0.00E+00
COURSE GRID	381500.0	3730000.0	7.74E-03	0	7.74E-03	7.74E-03	0.00E+00
COURSE GRID	382000.0	3730000.0	9.02E-03	0	9.02E-03	9.02E-03	0.00E+00
COURSE GRID	382500.0	3730000.0	1.11E-02	0	1.11E-02	1.11E-02	0.00E+00

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	383000.0	3730000.0	1.48E-02	0	1.48E-02	1.48E-02	0.00E+00	
COURSE GRID	383500.0	3730000.0	1.83E-02	0	1.83E-02	1.83E-02	0.00E+00	
COURSE GRID	384000.0	3730000.0	1.91E-02	0	1.91E-02	1.91E-02	0.00E+00	
COURSE GRID	384500.0	3730000.0	1.95E-02	0	1.95E-02	1.95E-02	0.00E+00	
COURSE GRID	385000.0	3730000.0	1.73E-02	0	1.73E-02	1.73E-02	0.00E+00	
COURSE GRID	385500.0	3730000.0	1.65E-02	0	1.65E-02	1.65E-02	0.00E+00	
COURSE GRID	386000.0	3730000.0	1.54E-02	0	1.54E-02	1.54E-02	0.00E+00	
COURSE GRID	386500.0	3730000.0	1.41E-02	0	1.41E-02	1.41E-02	0.00E+00	
COURSE GRID	387000.0	3730000.0	1.33E-02	0	1.33E-02	1.33E-02	0.00E+00	
COURSE GRID	387500.0	3730000.0	1.26E-02	0	1.26E-02	1.26E-02	0.00E+00	
COURSE GRID	388000.0	3730000.0	1.28E-02	0	1.28E-02	1.28E-02	0.00E+00	
COURSE GRID	388500.0	3730000.0	1.30E-02	0	1.30E-02	1.30E-02	0.00E+00	
COURSE GRID	389000.0	3730000.0	1.29E-02	0	1.29E-02	1.29E-02	0.00E+00	
COURSE GRID	389500.0	3730000.0	1.35E-02	0	1.35E-02	1.35E-02	0.00E+00	
COURSE GRID	390000.0	3730000.0	1.39E-02	0	1.39E-02	1.39E-02	0.00E+00	
COURSE GRID	390500.0	3730000.0	1.42E-02	0	1.42E-02	1.42E-02	0.00E+00	
COURSE GRID	391000.0	3730000.0	1.44E-02	0	1.44E-02	1.44E-02	0.00E+00	
COURSE GRID	391500.0	3730000.0	1.44E-02	0	1.44E-02	1.44E-02	0.00E+00	
COURSE GRID	392000.0	3730000.0	1.43E-02	0	1.43E-02	1.43E-02	0.00E+00	
COURSE GRID	392500.0	3730000.0	1.43E-02	0	1.43E-02	1.43E-02	0.00E+00	
COURSE GRID	393000.0	3730000.0	1.43E-02	0	1.43E-02	1.43E-02	0.00E+00	
COURSE GRID	393500.0	3730000.0	1.45E-02	0	1.45E-02	1.45E-02	0.00E+00	
COURSE GRID	377000.0	3730500.0	4.67E-03	0	4.67E-03	4.67E-03	0.00E+00	
COURSE GRID	377500.0	3730500.0	5.07E-03	0	5.07E-03	5.07E-03	0.00E+00	
COURSE GRID	378000.0	3730500.0	5.40E-03	0	5.40E-03	5.40E-03	0.00E+00	
COURSE GRID	378500.0	3730500.0	5.58E-03	0	5.58E-03	5.58E-03	0.00E+00	
COURSE GRID	379000.0	3730500.0	5.89E-03	0	5.89E-03	5.89E-03	0.00E+00	
COURSE GRID	379500.0	3730500.0	5.95E-03	0	5.95E-03	5.95E-03	0.00E+00	
COURSE GRID	380000.0	3730500.0	5.72E-03	0	5.72E-03	5.72E-03	0.00E+00	
COURSE GRID	380500.0	3730500.0	6.00E-03	0	6.00E-03	6.00E-03	0.00E+00	
COURSE GRID	381000.0	3730500.0	7.94E-03	0	7.94E-03	7.94E-03	0.00E+00	
COURSE GRID	381500.0	3730500.0	8.93E-03	0	8.93E-03	8.93E-03	0.00E+00	
COURSE GRID	382000.0	3730500.0	1.08E-02	0	1.08E-02	1.08E-02	0.00E+00	
COURSE GRID	382500.0	3730500.0	1.44E-02	0	1.44E-02	1.44E-02	0.00E+00	
COURSE GRID	383000.0	3730500.0	1.96E-02	0	1.96E-02	1.96E-02	0.00E+00	
COURSE GRID	383500.0	3730500.0	2.41E-02	0	2.41E-02	2.41E-02	0.00E+00	
COURSE GRID	384000.0	3730500.0	2.29E-02	0	2.29E-02	2.29E-02	0.00E+00	
COURSE GRID	384500.0	3730500.0	2.22E-02	0	2.22E-02	2.22E-02	0.00E+00	

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	BASELINE	NEPA BASELINE	
COURSE GRID	385000.0	3730500.0	2.03E-02	0	2.03E-02	2.03E-02	0.00E+00	
COURSE GRID	385500.0	3730500.0	1.79E-02	0	1.79E-02	1.79E-02	0.00E+00	
COURSE GRID	386000.0	3730500.0	1.64E-02	0	1.64E-02	1.64E-02	0.00E+00	
COURSE GRID	386500.0	3730500.0	1.47E-02	0	1.47E-02	1.47E-02	0.00E+00	
COURSE GRID	387000.0	3730500.0	1.40E-02	0	1.40E-02	1.40E-02	0.00E+00	
COURSE GRID	387500.0	3730500.0	1.34E-02	0	1.34E-02	1.34E-02	0.00E+00	
COURSE GRID	388000.0	3730500.0	1.35E-02	0	1.35E-02	1.35E-02	0.00E+00	
COURSE GRID	388500.0	3730500.0	1.38E-02	0	1.38E-02	1.38E-02	0.00E+00	
COURSE GRID	389000.0	3730500.0	1.40E-02	0	1.40E-02	1.40E-02	0.00E+00	
COURSE GRID	389500.0	3730500.0	1.47E-02	0	1.47E-02	1.47E-02	0.00E+00	
COURSE GRID	390000.0	3730500.0	1.51E-02	0	1.51E-02	1.51E-02	0.00E+00	
COURSE GRID	390500.0	3730500.0	1.56E-02	0	1.56E-02	1.56E-02	0.00E+00	
COURSE GRID	391000.0	3730500.0	1.56E-02	0	1.56E-02	1.56E-02	0.00E+00	
COURSE GRID	391500.0	3730500.0	1.53E-02	0	1.53E-02	1.53E-02	0.00E+00	
COURSE GRID	392000.0	3730500.0	1.53E-02	0	1.53E-02	1.53E-02	0.00E+00	
COURSE GRID	392500.0	3730500.0	1.54E-02	0	1.54E-02	1.54E-02	0.00E+00	
COURSE GRID	393000.0	3730500.0	1.56E-02	0	1.56E-02	1.56E-02	0.00E+00	
COURSE GRID	393500.0	3730500.0	1.55E-02	0	1.55E-02	1.55E-02	0.00E+00	
COURSE GRID	377000.0	3731000.0	4.99E-03	0	4.99E-03	4.99E-03	0.00E+00	
COURSE GRID	377500.0	3731000.0	5.29E-03	0	5.29E-03	5.29E-03	0.00E+00	
COURSE GRID	378000.0	3731000.0	5.69E-03	0	5.69E-03	5.69E-03	0.00E+00	
COURSE GRID	378500.0	3731000.0	6.38E-03	0	6.38E-03	6.38E-03	0.00E+00	
COURSE GRID	379000.0	3731000.0	6.50E-03	0	6.50E-03	6.50E-03	0.00E+00	
COURSE GRID	379500.0	3731000.0	5.96E-03	0	5.96E-03	5.96E-03	0.00E+00	
COURSE GRID	380000.0	3731000.0	4.83E-03	0	4.83E-03	4.83E-03	0.00E+00	
COURSE GRID	380500.0	3731000.0	6.80E-03	0	6.80E-03	6.80E-03	0.00E+00	
COURSE GRID	381000.0	3731000.0	9.17E-03	0	9.17E-03	9.17E-03	0.00E+00	
COURSE GRID	381500.0	3731000.0	1.06E-02	0	1.06E-02	1.06E-02	0.00E+00	
COURSE GRID	382000.0	3731000.0	1.34E-02	0	1.34E-02	1.34E-02	0.00E+00	
COURSE GRID	382500.0	3731000.0	2.04E-02	0	2.04E-02	2.04E-02	0.00E+00	
COURSE GRID	383000.0	3731000.0	2.99E-02	0	2.99E-02	2.99E-02	0.00E+00	
COURSE GRID	383500.0	3731000.0	2.96E-02	0	2.96E-02	2.96E-02	0.00E+00	
COURSE GRID	384000.0	3731000.0	3.00E-02	0	3.00E-02	3.00E-02	0.00E+00	
COURSE GRID	384500.0	3731000.0	2.71E-02	0	2.71E-02	2.71E-02	0.00E+00	
COURSE GRID	385000.0	3731000.0	2.24E-02	0	2.24E-02	2.24E-02	0.00E+00	
COURSE GRID	385500.0	3731000.0	1.97E-02	0	1.97E-02	1.97E-02	0.00E+00	
COURSE GRID	386000.0	3731000.0	1.72E-02	0	1.72E-02	1.72E-02	0.00E+00	
COURSE GRID	386500.0	3731000.0	1.54E-02	0	1.54E-02	1.54E-02	0.00E+00	

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	387000.0	3731000.0	1.48E-02	0	1.48E-02	1.48E-02	0.00E+00	
COURSE GRID	387500.0	3731000.0	1.43E-02	0	1.43E-02	1.43E-02	0.00E+00	
COURSE GRID	388000.0	3731000.0	1.44E-02	0	1.44E-02	1.44E-02	0.00E+00	
COURSE GRID	388500.0	3731000.0	1.49E-02	0	1.49E-02	1.49E-02	0.00E+00	
COURSE GRID	389000.0	3731000.0	1.55E-02	0	1.55E-02	1.55E-02	0.00E+00	
COURSE GRID	389500.0	3731000.0	1.62E-02	0	1.62E-02	1.62E-02	0.00E+00	
COURSE GRID	390000.0	3731000.0	1.68E-02	0	1.68E-02	1.68E-02	0.00E+00	
COURSE GRID	390500.0	3731000.0	1.72E-02	0	1.72E-02	1.72E-02	0.00E+00	
COURSE GRID	391000.0	3731000.0	1.67E-02	0	1.67E-02	1.67E-02	0.00E+00	
COURSE GRID	391500.0	3731000.0	1.65E-02	0	1.65E-02	1.65E-02	0.00E+00	
COURSE GRID	392000.0	3731000.0	1.66E-02	0	1.66E-02	1.66E-02	0.00E+00	
COURSE GRID	392500.0	3731000.0	1.68E-02	0	1.68E-02	1.68E-02	0.00E+00	
COURSE GRID	393000.0	3731000.0	1.66E-02	0	1.66E-02	1.66E-02	0.00E+00	
COURSE GRID	393500.0	3731000.0	1.64E-02	0	1.64E-02	1.64E-02	0.00E+00	
COURSE GRID	377000.0	3731500.0	5.17E-03	0	5.17E-03	5.17E-03	0.00E+00	
COURSE GRID	377500.0	3731500.0	5.65E-03	0	5.65E-03	5.65E-03	0.00E+00	
COURSE GRID	378000.0	3731500.0	5.44E-03	0	5.44E-03	5.44E-03	0.00E+00	
COURSE GRID	378500.0	3731500.0	5.62E-03	0	5.62E-03	5.62E-03	0.00E+00	
COURSE GRID	379000.0	3731500.0	5.75E-03	0	5.75E-03	5.75E-03	0.00E+00	
COURSE GRID	379500.0	3731500.0	6.31E-03	0	6.31E-03	6.31E-03	0.00E+00	
COURSE GRID	380000.0	3731500.0	6.44E-03	0	6.44E-03	6.44E-03	0.00E+00	
COURSE GRID	380500.0	3731500.0	8.60E-03	0	8.60E-03	8.60E-03	0.00E+00	
COURSE GRID	381000.0	3731500.0	1.06E-02	0	1.06E-02	1.06E-02	0.00E+00	
COURSE GRID	381500.0	3731500.0	1.32E-02	0	1.32E-02	1.32E-02	0.00E+00	
COURSE GRID	382000.0	3731500.0	1.78E-02	0	1.78E-02	1.78E-02	0.00E+00	
COURSE GRID	382500.0	3731500.0	2.94E-02	0	2.94E-02	2.94E-02	0.00E+00	
COURSE GRID	383000.0	3731500.0	3.63E-02	0	3.63E-02	3.63E-02	0.00E+00	
COURSE GRID	384500.0	3731500.0	2.67E-02	0	2.67E-02	2.67E-02	0.00E+00	
COURSE GRID	385000.0	3731500.0	2.31E-02	0	2.31E-02	2.31E-02	0.00E+00	
COURSE GRID	385500.0	3731500.0	2.04E-02	0	2.04E-02	2.04E-02	0.00E+00	
COURSE GRID	386000.0	3731500.0	1.78E-02	0	1.78E-02	1.78E-02	0.00E+00	
COURSE GRID	386500.0	3731500.0	1.63E-02	0	1.63E-02	1.63E-02	0.00E+00	
COURSE GRID	387000.0	3731500.0	1.58E-02	0	1.58E-02	1.58E-02	0.00E+00	
COURSE GRID	387500.0	3731500.0	1.51E-02	0	1.51E-02	1.51E-02	0.00E+00	
COURSE GRID	388000.0	3731500.0	1.59E-02	0	1.59E-02	1.59E-02	0.00E+00	
COURSE GRID	388500.0	3731500.0	1.64E-02	0	1.64E-02	1.64E-02	0.00E+00	
COURSE GRID	389000.0	3731500.0	1.75E-02	0	1.75E-02	1.75E-02	0.00E+00	
COURSE GRID	389500.0	3731500.0	1.83E-02	0	1.83E-02	1.83E-02	0.00E+00	

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	390000.0	3731500.0	1.90E-02	0	1.90E-02	1.90E-02	0.00E+00	
COURSE GRID	390500.0	3731500.0	1.90E-02	0	1.90E-02	1.90E-02	0.00E+00	
COURSE GRID	391000.0	3731500.0	1.82E-02	0	1.82E-02	1.82E-02	0.00E+00	
COURSE GRID	391500.0	3731500.0	1.83E-02	0	1.83E-02	1.83E-02	0.00E+00	
COURSE GRID	392000.0	3731500.0	1.81E-02	0	1.81E-02	1.81E-02	0.00E+00	
COURSE GRID	392500.0	3731500.0	1.79E-02	0	1.79E-02	1.79E-02	0.00E+00	
COURSE GRID	393000.0	3731500.0	1.76E-02	0	1.76E-02	1.76E-02	0.00E+00	
COURSE GRID	393500.0	3731500.0	1.73E-02	0	1.73E-02	1.73E-02	0.00E+00	
COURSE GRID	377000.0	3732000.0	4.42E-03	0	4.42E-03	4.42E-03	0.00E+00	
COURSE GRID	377500.0	3732000.0	5.12E-03	0	5.12E-03	5.12E-03	0.00E+00	
COURSE GRID	378000.0	3732000.0	5.08E-03	0	5.08E-03	5.08E-03	0.00E+00	
COURSE GRID	378500.0	3732000.0	5.02E-03	0	5.02E-03	5.02E-03	0.00E+00	
COURSE GRID	379000.0	3732000.0	5.79E-03	0	5.79E-03	5.79E-03	0.00E+00	
COURSE GRID	379500.0	3732000.0	7.23E-03	0	7.23E-03	7.23E-03	0.00E+00	
COURSE GRID	380000.0	3732000.0	7.63E-03	0	7.63E-03	7.63E-03	0.00E+00	
COURSE GRID	380500.0	3732000.0	1.01E-02	0	1.01E-02	1.01E-02	0.00E+00	
COURSE GRID	381000.0	3732000.0	1.22E-02	0	1.22E-02	1.22E-02	0.00E+00	
COURSE GRID	381500.0	3732000.0	1.64E-02	0	1.64E-02	1.64E-02	0.00E+00	
COURSE GRID	382000.0	3732000.0	2.41E-02	0	2.41E-02	2.41E-02	0.00E+00	
COURSE GRID	382500.0	3732000.0	4.05E-02	0	4.05E-02	4.05E-02	0.00E+00	
COURSE GRID	383000.0	3732000.0	4.55E-02	0	4.55E-02	4.55E-02	0.00E+00	
COURSE GRID	383500.0	3732000.0	3.85E-02	0	3.85E-02	3.85E-02	0.00E+00	
COURSE GRID	384000.0	3732000.0	3.05E-02	0	3.05E-02	3.05E-02	0.00E+00	
COURSE GRID	384500.0	3732000.0	2.64E-02	0	2.64E-02	2.64E-02	0.00E+00	
COURSE GRID	385000.0	3732000.0	2.33E-02	0	2.33E-02	2.33E-02	0.00E+00	
COURSE GRID	385500.0	3732000.0	2.06E-02	0	2.06E-02	2.06E-02	0.00E+00	
COURSE GRID	386000.0	3732000.0	1.84E-02	0	1.84E-02	1.84E-02	0.00E+00	
COURSE GRID	386500.0	3732000.0	1.74E-02	0	1.74E-02	1.74E-02	0.00E+00	
COURSE GRID	387000.0	3732000.0	1.70E-02	0	1.70E-02	1.70E-02	0.00E+00	
COURSE GRID	387500.0	3732000.0	1.67E-02	0	1.67E-02	1.67E-02	0.00E+00	
COURSE GRID	388000.0	3732000.0	1.79E-02	0	1.79E-02	1.79E-02	0.00E+00	
COURSE GRID	388500.0	3732000.0	1.88E-02	0	1.88E-02	1.88E-02	0.00E+00	
COURSE GRID	389000.0	3732000.0	2.02E-02	0	2.02E-02	2.02E-02	0.00E+00	
COURSE GRID	389500.0	3732000.0	2.13E-02	0	2.13E-02	2.13E-02	0.00E+00	
COURSE GRID	390000.0	3732000.0	2.13E-02	0	2.13E-02	2.13E-02	0.00E+00	
COURSE GRID	390500.0	3732000.0	2.25E-02	0	2.25E-02	2.25E-02	0.00E+00	
COURSE GRID	391000.0	3732000.0	2.09E-02	0	2.09E-02	2.09E-02	0.00E+00	
COURSE GRID	391500.0	3732000.0	2.01E-02	0	2.01E-02	2.01E-02	0.00E+00	

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	392000.0	3732000.0	1.95E-02	0	1.95E-02	1.95E-02	0.00E+00	
COURSE GRID	392500.0	3732000.0	1.91E-02	0	1.91E-02	1.91E-02	0.00E+00	
COURSE GRID	393000.0	3732000.0	1.88E-02	0	1.88E-02	1.88E-02	0.00E+00	
COURSE GRID	393500.0	3732000.0	1.85E-02	0	1.85E-02	1.85E-02	0.00E+00	
COURSE GRID	377000.0	3732500.0	4.38E-03	0	4.38E-03	4.38E-03	0.00E+00	
COURSE GRID	377500.0	3732500.0	4.24E-03	0	4.24E-03	4.24E-03	0.00E+00	
COURSE GRID	378000.0	3732500.0	4.34E-03	0	4.34E-03	4.34E-03	0.00E+00	
COURSE GRID	378500.0	3732500.0	4.69E-03	0	4.69E-03	4.69E-03	0.00E+00	
COURSE GRID	379000.0	3732500.0	6.19E-03	0	6.19E-03	6.19E-03	0.00E+00	
COURSE GRID	379500.0	3732500.0	7.92E-03	0	7.92E-03	7.92E-03	0.00E+00	
COURSE GRID	380000.0	3732500.0	1.08E-02	0	1.08E-02	1.08E-02	0.00E+00	
COURSE GRID	380500.0	3732500.0	1.44E-02	0	1.44E-02	1.44E-02	0.00E+00	
COURSE GRID	381000.0	3732500.0	1.65E-02	0	1.65E-02	1.65E-02	0.00E+00	
COURSE GRID	381500.0	3732500.0	2.04E-02	0	2.04E-02	2.04E-02	0.00E+00	
COURSE GRID	382000.0	3732500.0	3.24E-02	0	3.24E-02	3.24E-02	0.00E+00	
COURSE GRID	382500.0	3732500.0	6.14E-02	0	6.14E-02	6.14E-02	0.00E+00	
COURSE GRID	383000.0	3732500.0	5.27E-02	0	5.27E-02	5.27E-02	0.00E+00	
COURSE GRID	383500.0	3732500.0	3.71E-02	0	3.71E-02	3.71E-02	0.00E+00	
COURSE GRID	384000.0	3732500.0	2.80E-02	0	2.80E-02	2.80E-02	0.00E+00	
COURSE GRID	384500.0	3732500.0	2.49E-02	0	2.49E-02	2.49E-02	0.00E+00	
COURSE GRID	385000.0	3732500.0	2.34E-02	0	2.34E-02	2.34E-02	0.00E+00	
COURSE GRID	385500.0	3732500.0	2.13E-02	0	2.13E-02	2.13E-02	0.00E+00	
COURSE GRID	386000.0	3732500.0	1.97E-02	0	1.97E-02	1.97E-02	0.00E+00	
COURSE GRID	386500.0	3732500.0	1.88E-02	0	1.88E-02	1.88E-02	0.00E+00	
COURSE GRID	387000.0	3732500.0	1.86E-02	0	1.86E-02	1.86E-02	0.00E+00	
COURSE GRID	387500.0	3732500.0	1.88E-02	0	1.88E-02	1.88E-02	0.00E+00	
COURSE GRID	388000.0	3732500.0	2.04E-02	0	2.04E-02	2.04E-02	0.00E+00	
COURSE GRID	388500.0	3732500.0	2.21E-02	0	2.21E-02	2.21E-02	0.00E+00	
COURSE GRID	389000.0	3732500.0	2.38E-02	0	2.38E-02	2.38E-02	0.00E+00	
COURSE GRID	389500.0	3732500.0	2.38E-02	0	2.38E-02	2.38E-02	0.00E+00	
COURSE GRID	390000.0	3732500.0	2.59E-02	0	2.59E-02	2.59E-02	0.00E+00	
COURSE GRID	390500.0	3732500.0	2.45E-02	0	2.45E-02	2.45E-02	0.00E+00	
COURSE GRID	391000.0	3732500.0	2.31E-02	0	2.31E-02	2.31E-02	0.00E+00	
COURSE GRID	391500.0	3732500.0	2.21E-02	0	2.21E-02	2.21E-02	0.00E+00	
COURSE GRID	392000.0	3732500.0	2.13E-02	0	2.13E-02	2.13E-02	0.00E+00	
COURSE GRID	392500.0	3732500.0	2.08E-02	0	2.08E-02	2.08E-02	0.00E+00	
COURSE GRID	393000.0	3732500.0	2.02E-02	0	2.02E-02	2.02E-02	0.00E+00	
COURSE GRID	393500.0	3732500.0	1.94E-02	0	1.94E-02	1.94E-02	0.00E+00	

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	377000.0	3733000.0	3.23E-03	0	3.23E-03	3.23E-03	0.00E+00	
COURSE GRID	377500.0	3733000.0	3.57E-03	0	3.57E-03	3.57E-03	0.00E+00	
COURSE GRID	378000.0	3733000.0	4.15E-03	0	4.15E-03	4.15E-03	0.00E+00	
COURSE GRID	378500.0	3733000.0	5.77E-03	0	5.77E-03	5.77E-03	0.00E+00	
COURSE GRID	379000.0	3733000.0	7.23E-03	0	7.23E-03	7.23E-03	0.00E+00	
COURSE GRID	379500.0	3733000.0	9.10E-03	0	9.10E-03	9.10E-03	0.00E+00	
COURSE GRID	380000.0	3733000.0	1.26E-02	0	1.26E-02	1.26E-02	0.00E+00	
COURSE GRID	380500.0	3733000.0	1.75E-02	0	1.75E-02	1.75E-02	0.00E+00	
COURSE GRID	381000.0	3733000.0	2.40E-02	0	2.40E-02	2.40E-02	0.00E+00	
COURSE GRID	381500.0	3733000.0	2.83E-02	0	2.83E-02	2.83E-02	0.00E+00	
COURSE GRID	382000.0	3733000.0	4.51E-02	0	4.51E-02	4.51E-02	0.00E+00	
COURSE GRID	382500.0	3733000.0	9.68E-02	0	9.68E-02	9.68E-02	0.00E+00	
COURSE GRID	383000.0	3733000.0	5.31E-02	0	5.31E-02	5.31E-02	0.00E+00	
COURSE GRID	383500.0	3733000.0	3.02E-02	0	3.02E-02	3.02E-02	0.00E+00	
COURSE GRID	384000.0	3733000.0	2.62E-02	0	2.62E-02	2.62E-02	0.00E+00	
COURSE GRID	384500.0	3733000.0	2.60E-02	0	2.60E-02	2.60E-02	0.00E+00	
COURSE GRID	385000.0	3733000.0	2.47E-02	0	2.47E-02	2.47E-02	0.00E+00	
COURSE GRID	385500.0	3733000.0	2.26E-02	0	2.26E-02	2.26E-02	0.00E+00	
COURSE GRID	386000.0	3733000.0	2.10E-02	0	2.10E-02	2.10E-02	0.00E+00	
COURSE GRID	386500.0	3733000.0	2.04E-02	0	2.04E-02	2.04E-02	0.00E+00	
COURSE GRID	387000.0	3733000.0	2.09E-02	0	2.09E-02	2.09E-02	0.00E+00	
COURSE GRID	387500.0	3733000.0	2.18E-02	0	2.18E-02	2.18E-02	0.00E+00	
COURSE GRID	388000.0	3733000.0	2.41E-02	0	2.41E-02	2.41E-02	0.00E+00	
COURSE GRID	388500.0	3733000.0	2.68E-02	0	2.68E-02	2.68E-02	0.00E+00	
COURSE GRID	389000.0	3733000.0	2.64E-02	0	2.64E-02	2.64E-02	0.00E+00	
COURSE GRID	389500.0	3733000.0	2.84E-02	0	2.84E-02	2.84E-02	0.00E+00	
COURSE GRID	390000.0	3733000.0	2.67E-02	0	2.67E-02	2.67E-02	0.00E+00	
COURSE GRID	390500.0	3733000.0	2.55E-02	0	2.55E-02	2.55E-02	0.00E+00	
COURSE GRID	391000.0	3733000.0	2.45E-02	0	2.45E-02	2.45E-02	0.00E+00	
COURSE GRID	391500.0	3733000.0	2.38E-02	0	2.38E-02	2.38E-02	0.00E+00	
COURSE GRID	392000.0	3733000.0	2.33E-02	0	2.33E-02	2.33E-02	0.00E+00	
COURSE GRID	392500.0	3733000.0	2.24E-02	0	2.24E-02	2.24E-02	0.00E+00	
COURSE GRID	393000.0	3733000.0	2.13E-02	0	2.13E-02	2.13E-02	0.00E+00	
COURSE GRID	393500.0	3733000.0	2.02E-02	0	2.02E-02	2.02E-02	0.00E+00	
COURSE GRID	377000.0	3733500.0	3.14E-03	0	3.14E-03	3.14E-03	0.00E+00	
COURSE GRID	377500.0	3733500.0	3.48E-03	0	3.48E-03	3.48E-03	0.00E+00	
COURSE GRID	378000.0	3733500.0	4.66E-03	0	4.66E-03	4.66E-03	0.00E+00	
COURSE GRID	378500.0	3733500.0	5.86E-03	0	5.86E-03	5.86E-03	0.00E+00	

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	379000.0	3733500.0	7.96E-03	0	7.96E-03	7.96E-03	0.00E+00	
COURSE GRID	379500.0	3733500.0	1.02E-02	0	1.02E-02	1.02E-02	0.00E+00	
COURSE GRID	380000.0	3733500.0	1.33E-02	0	1.33E-02	1.33E-02	0.00E+00	
COURSE GRID	380500.0	3733500.0	1.98E-02	0	1.98E-02	1.98E-02	0.00E+00	
COURSE GRID	381000.0	3733500.0	3.02E-02	0	3.02E-02	3.02E-02	0.00E+00	
COURSE GRID	381500.0	3733500.0	6.01E-02	0	6.01E-02	6.01E-02	0.00E+00	
COURSE GRID	382500.0	3733500.0	9.07E-02	0	9.07E-02	9.07E-02	0.00E+00	
COURSE GRID	383000.0	3733500.0	3.63E-02	0	3.63E-02	3.63E-02	0.00E+00	
COURSE GRID	383500.0	3733500.0	2.57E-02	0	2.57E-02	2.57E-02	0.00E+00	
COURSE GRID	384000.0	3733500.0	2.98E-02	0	2.98E-02	2.98E-02	0.00E+00	
COURSE GRID	384500.0	3733500.0	3.07E-02	0	3.07E-02	3.07E-02	0.00E+00	
COURSE GRID	385000.0	3733500.0	2.72E-02	0	2.72E-02	2.72E-02	0.00E+00	
COURSE GRID	385500.0	3733500.0	2.43E-02	0	2.43E-02	2.43E-02	0.00E+00	
COURSE GRID	386000.0	3733500.0	2.32E-02	0	2.32E-02	2.32E-02	0.00E+00	
COURSE GRID	386500.0	3733500.0	2.31E-02	0	2.31E-02	2.31E-02	0.00E+00	
COURSE GRID	387000.0	3733500.0	2.43E-02	0	2.43E-02	2.43E-02	0.00E+00	
COURSE GRID	387500.0	3733500.0	2.62E-02	0	2.62E-02	2.62E-02	0.00E+00	
COURSE GRID	388000.0	3733500.0	2.92E-02	0	2.92E-02	2.92E-02	0.00E+00	
COURSE GRID	388500.0	3733500.0	2.95E-02	0	2.95E-02	2.95E-02	0.00E+00	
COURSE GRID	389000.0	3733500.0	3.09E-02	0	3.09E-02	3.09E-02	0.00E+00	
COURSE GRID	389500.0	3733500.0	2.89E-02	0	2.89E-02	2.89E-02	0.00E+00	
COURSE GRID	390000.0	3733500.0	2.77E-02	0	2.77E-02	2.77E-02	0.00E+00	
COURSE GRID	390500.0	3733500.0	2.71E-02	0	2.71E-02	2.71E-02	0.00E+00	
COURSE GRID	391000.0	3733500.0	2.66E-02	0	2.66E-02	2.66E-02	0.00E+00	
COURSE GRID	391500.0	3733500.0	2.61E-02	0	2.61E-02	2.61E-02	0.00E+00	
COURSE GRID	392000.0	3733500.0	2.51E-02	0	2.51E-02	2.51E-02	0.00E+00	
COURSE GRID	392500.0	3733500.0	2.39E-02	0	2.39E-02	2.39E-02	0.00E+00	
COURSE GRID	393000.0	3733500.0	2.25E-02	0	2.25E-02	2.25E-02	0.00E+00	
COURSE GRID	393500.0	3733500.0	2.07E-02	0	2.07E-02	2.07E-02	0.00E+00	
COURSE GRID	377000.0	3734000.0	3.05E-03	0	3.05E-03	3.05E-03	0.00E+00	
COURSE GRID	377500.0	3734000.0	3.68E-03	0	3.68E-03	3.68E-03	0.00E+00	
COURSE GRID	378000.0	3734000.0	4.82E-03	0	4.82E-03	4.82E-03	0.00E+00	
COURSE GRID	378500.0	3734000.0	6.10E-03	0	6.10E-03	6.10E-03	0.00E+00	
COURSE GRID	379000.0	3734000.0	8.12E-03	0	8.12E-03	8.12E-03	0.00E+00	
COURSE GRID	379500.0	3734000.0	1.14E-02	0	1.14E-02	1.14E-02	0.00E+00	
COURSE GRID	380000.0	3734000.0	1.51E-02	0	1.51E-02	1.51E-02	0.00E+00	
COURSE GRID	380500.0	3734000.0	2.15E-02	0	2.15E-02	2.15E-02	0.00E+00	
COURSE GRID	381000.0	3734000.0	3.63E-02	0	3.63E-02	3.63E-02	0.00E+00	

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	CEQA BASELINE	NEPA BASELINE	
COURSE GRID	381500.0	3734000.0	7.79E-02	0	7.79E-02	7.79E-02	0.00E+00	
COURSE GRID	382000.0	3734000.0	3.00E-01	0	3.00E-01	3.00E-01	0.00E+00	
COURSE GRID	382500.0	3734000.0	4.76E-02	0	4.76E-02	4.76E-02	0.00E+00	
COURSE GRID	383000.0	3734000.0	3.17E-02	0	3.17E-02	3.17E-02	0.00E+00	
COURSE GRID	383500.0	3734000.0	2.86E-02	0	2.86E-02	2.86E-02	0.00E+00	
COURSE GRID	384000.0	3734000.0	4.36E-02	0	4.36E-02	4.36E-02	0.00E+00	
COURSE GRID	384500.0	3734000.0	3.89E-02	0	3.89E-02	3.89E-02	0.00E+00	
COURSE GRID	385000.0	3734000.0	2.88E-02	0	2.88E-02	2.88E-02	0.00E+00	
COURSE GRID	385500.0	3734000.0	2.66E-02	0	2.66E-02	2.66E-02	0.00E+00	
COURSE GRID	386000.0	3734000.0	2.67E-02	0	2.67E-02	2.67E-02	0.00E+00	
COURSE GRID	386500.0	3734000.0	2.78E-02	0	2.78E-02	2.78E-02	0.00E+00	
COURSE GRID	387000.0	3734000.0	2.93E-02	0	2.93E-02	2.93E-02	0.00E+00	
COURSE GRID	387500.0	3734000.0	3.25E-02	0	3.25E-02	3.25E-02	0.00E+00	
COURSE GRID	388000.0	3734000.0	3.28E-02	0	3.28E-02	3.28E-02	0.00E+00	
COURSE GRID	388500.0	3734000.0	3.37E-02	0	3.37E-02	3.37E-02	0.00E+00	
COURSE GRID	389000.0	3734000.0	3.11E-02	0	3.11E-02	3.11E-02	0.00E+00	
COURSE GRID	389500.0	3734000.0	3.03E-02	0	3.03E-02	3.03E-02	0.00E+00	
COURSE GRID	390000.0	3734000.0	2.99E-02	0	2.99E-02	2.99E-02	0.00E+00	
COURSE GRID	390500.0	3734000.0	3.00E-02	0	3.00E-02	3.00E-02	0.00E+00	
COURSE GRID	391000.0	3734000.0	2.97E-02	0	2.97E-02	2.97E-02	0.00E+00	
COURSE GRID	391500.0	3734000.0	2.86E-02	0	2.86E-02	2.86E-02	0.00E+00	
COURSE GRID	392000.0	3734000.0	2.71E-02	0	2.71E-02	2.71E-02	0.00E+00	
COURSE GRID	392500.0	3734000.0	2.50E-02	0	2.50E-02	2.50E-02	0.00E+00	
COURSE GRID	393000.0	3734000.0	2.25E-02	0	2.25E-02	2.25E-02	0.00E+00	
COURSE GRID	393500.0	3734000.0	1.98E-02	0	1.98E-02	1.98E-02	0.00E+00	
COURSE GRID	377000.0	3734500.0	2.86E-03	0	2.86E-03	2.86E-03	0.00E+00	
COURSE GRID	377500.0	3734500.0	3.45E-03	0	3.45E-03	3.45E-03	0.00E+00	
COURSE GRID	378000.0	3734500.0	4.27E-03	0	4.27E-03	4.27E-03	0.00E+00	
COURSE GRID	378500.0	3734500.0	5.38E-03	0	5.38E-03	5.38E-03	0.00E+00	
COURSE GRID	379000.0	3734500.0	6.79E-03	0	6.79E-03	6.79E-03	0.00E+00	
COURSE GRID	379500.0	3734500.0	9.28E-03	0	9.28E-03	9.28E-03	0.00E+00	
COURSE GRID	380000.0	3734500.0	1.35E-02	0	1.35E-02	1.35E-02	0.00E+00	
COURSE GRID	380500.0	3734500.0	1.99E-02	0	1.99E-02	1.99E-02	0.00E+00	
COURSE GRID	381000.0	3734500.0	2.80E-02	0	2.80E-02	2.80E-02	0.00E+00	
COURSE GRID	381500.0	3734500.0	4.44E-02	0	4.44E-02	4.44E-02	0.00E+00	
COURSE GRID	382000.0	3734500.0	6.74E-02	0	6.74E-02	6.74E-02	0.00E+00	
COURSE GRID	382500.0	3734500.0	5.45E-02	0	5.45E-02	5.45E-02	0.00E+00	
COURSE GRID	383000.0	3734500.0	3.58E-02	0	3.58E-02	3.58E-02	0.00E+00	

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE			NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	
COURSE GRID	383500.0	3734500.0	4.21E-02	0	4.21E-02	4.21E-02	0.00E+00
COURSE GRID	384000.0	3734500.0	8.42E-02	0	8.42E-02	8.42E-02	0.00E+00
COURSE GRID	384500.0	3734500.0	3.86E-02	0	3.86E-02	3.86E-02	0.00E+00
COURSE GRID	385000.0	3734500.0	3.03E-02	0	3.03E-02	3.03E-02	0.00E+00
COURSE GRID	385500.0	3734500.0	3.08E-02	0	3.08E-02	3.08E-02	0.00E+00
COURSE GRID	386000.0	3734500.0	3.29E-02	0	3.29E-02	3.29E-02	0.00E+00
COURSE GRID	386500.0	3734500.0	3.37E-02	0	3.37E-02	3.37E-02	0.00E+00
COURSE GRID	387000.0	3734500.0	3.47E-02	0	3.47E-02	3.47E-02	0.00E+00
COURSE GRID	387500.0	3734500.0	3.65E-02	0	3.65E-02	3.65E-02	0.00E+00
COURSE GRID	388000.0	3734500.0	3.69E-02	0	3.69E-02	3.69E-02	0.00E+00
COURSE GRID	388500.0	3734500.0	3.39E-02	0	3.39E-02	3.39E-02	0.00E+00
COURSE GRID	389000.0	3734500.0	3.36E-02	0	3.36E-02	3.36E-02	0.00E+00
COURSE GRID	389500.0	3734500.0	3.38E-02	0	3.38E-02	3.38E-02	0.00E+00
COURSE GRID	390000.0	3734500.0	3.45E-02	0	3.45E-02	3.45E-02	0.00E+00
COURSE GRID	390500.0	3734500.0	3.45E-02	0	3.45E-02	3.45E-02	0.00E+00
COURSE GRID	391000.0	3734500.0	3.31E-02	0	3.31E-02	3.31E-02	0.00E+00
COURSE GRID	391500.0	3734500.0	3.10E-02	0	3.10E-02	3.10E-02	0.00E+00
COURSE GRID	392000.0	3734500.0	2.78E-02	0	2.78E-02	2.78E-02	0.00E+00
COURSE GRID	392500.0	3734500.0	2.43E-02	0	2.43E-02	2.43E-02	0.00E+00
COURSE GRID	393000.0	3734500.0	2.10E-02	0	2.10E-02	2.10E-02	0.00E+00
COURSE GRID	393500.0	3734500.0	1.80E-02	0	1.80E-02	1.80E-02	0.00E+00
COURSE GRID	377000.0	3735000.0	3.21E-03	0	3.21E-03	3.21E-03	0.00E+00
COURSE GRID	377500.0	3735000.0	3.78E-03	0	3.78E-03	3.78E-03	0.00E+00
COURSE GRID	378000.0	3735000.0	4.64E-03	0	4.64E-03	4.64E-03	0.00E+00
COURSE GRID	378500.0	3735000.0	5.34E-03	0	5.34E-03	5.34E-03	0.00E+00
COURSE GRID	379000.0	3735000.0	6.71E-03	0	6.71E-03	6.71E-03	0.00E+00
COURSE GRID	379500.0	3735000.0	9.29E-03	0	9.29E-03	9.29E-03	0.00E+00
COURSE GRID	380000.0	3735000.0	1.31E-02	0	1.31E-02	1.31E-02	0.00E+00
COURSE GRID	380500.0	3735000.0	1.76E-02	0	1.76E-02	1.76E-02	0.00E+00
COURSE GRID	381000.0	3735000.0	2.16E-02	0	2.16E-02	2.16E-02	0.00E+00
COURSE GRID	381500.0	3735000.0	3.26E-02	0	3.26E-02	3.26E-02	0.00E+00
COURSE GRID	382000.0	3735000.0	4.11E-02	0	4.11E-02	4.11E-02	0.00E+00
COURSE GRID	382500.0	3735000.0	4.63E-02	0	4.63E-02	4.63E-02	0.00E+00
COURSE GRID	383000.0	3735000.0	5.35E-02	0	5.35E-02	5.35E-02	0.00E+00
COURSE GRID	384000.0	3735000.0	7.72E-02	0	7.72E-02	7.72E-02	0.00E+00
COURSE GRID	384500.0	3735000.0	3.84E-02	0	3.84E-02	3.84E-02	0.00E+00
COURSE GRID	385000.0	3735000.0	3.89E-02	0	3.89E-02	3.89E-02	0.00E+00
COURSE GRID	385500.0	3735000.0	4.10E-02	0	4.10E-02	4.10E-02	0.00E+00

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	386000.0	3735000.0	4.18E-02	0	4.18E-02	4.18E-02	0.00E+00	
COURSE GRID	386500.0	3735000.0	3.96E-02	0	3.96E-02	3.96E-02	0.00E+00	
COURSE GRID	387000.0	3735000.0	3.81E-02	0	3.81E-02	3.81E-02	0.00E+00	
COURSE GRID	387500.0	3735000.0	3.93E-02	0	3.93E-02	3.93E-02	0.00E+00	
COURSE GRID	388000.0	3735000.0	3.71E-02	0	3.71E-02	3.71E-02	0.00E+00	
COURSE GRID	388500.0	3735000.0	3.68E-02	0	3.68E-02	3.68E-02	0.00E+00	
COURSE GRID	389000.0	3735000.0	3.89E-02	0	3.89E-02	3.89E-02	0.00E+00	
COURSE GRID	389500.0	3735000.0	4.10E-02	0	4.10E-02	4.10E-02	0.00E+00	
COURSE GRID	390000.0	3735000.0	4.15E-02	0	4.15E-02	4.15E-02	0.00E+00	
COURSE GRID	390500.0	3735000.0	3.96E-02	0	3.96E-02	3.96E-02	0.00E+00	
COURSE GRID	391000.0	3735000.0	3.61E-02	0	3.61E-02	3.61E-02	0.00E+00	
COURSE GRID	391500.0	3735000.0	3.10E-02	0	3.10E-02	3.10E-02	0.00E+00	
COURSE GRID	392000.0	3735000.0	2.62E-02	0	2.62E-02	2.62E-02	0.00E+00	
COURSE GRID	392500.0	3735000.0	2.19E-02	0	2.19E-02	2.19E-02	0.00E+00	
COURSE GRID	393000.0	3735000.0	1.83E-02	0	1.83E-02	1.83E-02	0.00E+00	
COURSE GRID	393500.0	3735000.0	1.55E-02	0	1.55E-02	1.55E-02	0.00E+00	
COURSE GRID	377000.0	3735500.0	3.36E-03	0	3.36E-03	3.36E-03	0.00E+00	
COURSE GRID	377500.0	3735500.0	3.78E-03	0	3.78E-03	3.78E-03	0.00E+00	
COURSE GRID	378000.0	3735500.0	4.39E-03	0	4.39E-03	4.39E-03	0.00E+00	
COURSE GRID	378500.0	3735500.0	5.15E-03	0	5.15E-03	5.15E-03	0.00E+00	
COURSE GRID	379000.0	3735500.0	6.90E-03	0	6.90E-03	6.90E-03	0.00E+00	
COURSE GRID	379500.0	3735500.0	1.02E-02	0	1.02E-02	1.02E-02	0.00E+00	
COURSE GRID	380000.0	3735500.0	1.26E-02	0	1.26E-02	1.26E-02	0.00E+00	
COURSE GRID	380500.0	3735500.0	1.51E-02	0	1.51E-02	1.51E-02	0.00E+00	
COURSE GRID	381000.0	3735500.0	1.93E-02	0	1.93E-02	1.93E-02	0.00E+00	
COURSE GRID	381500.0	3735500.0	2.53E-02	0	2.53E-02	2.53E-02	0.00E+00	
COURSE GRID	382000.0	3735500.0	3.04E-02	0	3.04E-02	3.04E-02	0.00E+00	
COURSE GRID	382500.0	3735500.0	3.77E-02	0	3.77E-02	3.77E-02	0.00E+00	
COURSE GRID	383000.0	3735500.0	4.50E-02	0	4.50E-02	4.50E-02	0.00E+00	
COURSE GRID	383500.0	3735500.0	7.80E-02	0	7.80E-02	7.80E-02	0.00E+00	
COURSE GRID	384000.0	3735500.0	6.04E-02	0	6.04E-02	6.04E-02	0.00E+00	
COURSE GRID	384500.0	3735500.0	5.25E-02	0	5.25E-02	5.25E-02	0.00E+00	
COURSE GRID	385000.0	3735500.0	5.74E-02	0	5.74E-02	5.74E-02	0.00E+00	
COURSE GRID	385500.0	3735500.0	5.47E-02	0	5.47E-02	5.47E-02	0.00E+00	
COURSE GRID	386000.0	3735500.0	4.59E-02	0	4.59E-02	4.59E-02	0.00E+00	
COURSE GRID	386500.0	3735500.0	3.81E-02	0	3.81E-02	3.81E-02	0.00E+00	
COURSE GRID	387000.0	3735500.0	3.64E-02	0	3.64E-02	3.64E-02	0.00E+00	
COURSE GRID	387500.0	3735500.0	4.25E-02	0	4.25E-02	4.25E-02	0.00E+00	

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	388000.0	3735500.0	4.19E-02	0	4.19E-02	4.19E-02	0.00E+00	
COURSE GRID	388500.0	3735500.0	4.67E-02	0	4.67E-02	4.67E-02	0.00E+00	
COURSE GRID	389000.0	3735500.0	5.13E-02	0	5.13E-02	5.13E-02	0.00E+00	
COURSE GRID	389500.0	3735500.0	5.28E-02	0	5.28E-02	5.28E-02	0.00E+00	
COURSE GRID	390000.0	3735500.0	4.94E-02	0	4.94E-02	4.94E-02	0.00E+00	
COURSE GRID	390500.0	3735500.0	4.24E-02	0	4.24E-02	4.24E-02	0.00E+00	
COURSE GRID	391000.0	3735500.0	3.45E-02	0	3.45E-02	3.45E-02	0.00E+00	
COURSE GRID	391500.0	3735500.0	2.76E-02	0	2.76E-02	2.76E-02	0.00E+00	
COURSE GRID	392000.0	3735500.0	2.22E-02	0	2.22E-02	2.22E-02	0.00E+00	
COURSE GRID	392500.0	3735500.0	1.81E-02	0	1.81E-02	1.81E-02	0.00E+00	
COURSE GRID	393000.0	3735500.0	1.52E-02	0	1.52E-02	1.52E-02	0.00E+00	
COURSE GRID	393500.0	3735500.0	1.29E-02	0	1.29E-02	1.29E-02	0.00E+00	
COURSE GRID	377000.0	3736000.0	3.10E-03	0	3.10E-03	3.10E-03	0.00E+00	
COURSE GRID	377500.0	3736000.0	3.56E-03	0	3.56E-03	3.56E-03	0.00E+00	
COURSE GRID	378000.0	3736000.0	4.74E-03	0	4.74E-03	4.74E-03	0.00E+00	
COURSE GRID	378500.0	3736000.0	6.31E-03	0	6.31E-03	6.31E-03	0.00E+00	
COURSE GRID	379000.0	3736000.0	8.31E-03	0	8.31E-03	8.31E-03	0.00E+00	
COURSE GRID	379500.0	3736000.0	1.03E-02	0	1.03E-02	1.03E-02	0.00E+00	
COURSE GRID	380000.0	3736000.0	1.18E-02	0	1.18E-02	1.18E-02	0.00E+00	
COURSE GRID	380500.0	3736000.0	1.39E-02	0	1.39E-02	1.39E-02	0.00E+00	
COURSE GRID	381000.0	3736000.0	1.70E-02	0	1.70E-02	1.70E-02	0.00E+00	
COURSE GRID	381500.0	3736000.0	2.05E-02	0	2.05E-02	2.05E-02	0.00E+00	
COURSE GRID	382000.0	3736000.0	2.51E-02	0	2.51E-02	2.51E-02	0.00E+00	
COURSE GRID	382500.0	3736000.0	3.09E-02	0	3.09E-02	3.09E-02	0.00E+00	
COURSE GRID	383000.0	3736000.0	3.97E-02	0	3.97E-02	3.97E-02	0.00E+00	
COURSE GRID	383500.0	3736000.0	6.10E-02	0	6.10E-02	6.10E-02	0.00E+00	
COURSE GRID	384000.0	3736000.0	8.66E-02	0	8.66E-02	8.66E-02	0.00E+00	
COURSE GRID	384500.0	3736000.0	9.90E-02	0	9.90E-02	9.90E-02	0.00E+00	
COURSE GRID	385000.0	3736000.0	8.12E-02	0	8.12E-02	8.12E-02	0.00E+00	
COURSE GRID	385500.0	3736000.0	5.20E-02	0	5.20E-02	5.20E-02	0.00E+00	
COURSE GRID	386000.0	3736000.0	3.69E-02	0	3.69E-02	3.69E-02	0.00E+00	
COURSE GRID	386500.0	3736000.0	3.43E-02	0	3.43E-02	3.43E-02	0.00E+00	
COURSE GRID	387000.0	3736000.0	3.78E-02	0	3.78E-02	3.78E-02	0.00E+00	
COURSE GRID	387500.0	3736000.0	5.24E-02	0	5.24E-02	5.24E-02	0.00E+00	
COURSE GRID	388000.0	3736000.0	6.04E-02	0	6.04E-02	6.04E-02	0.00E+00	
COURSE GRID	388500.0	3736000.0	7.08E-02	0	7.08E-02	7.08E-02	0.00E+00	
COURSE GRID	389000.0	3736000.0	7.28E-02	0	7.28E-02	7.28E-02	0.00E+00	
COURSE GRID	389500.0	3736000.0	6.44E-02	0	6.44E-02	6.44E-02	0.00E+00	

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	390000.0	3736000.0	5.03E-02	0	5.03E-02	5.03E-02	0.00E+00	
COURSE GRID	390500.0	3736000.0	3.82E-02	0	3.82E-02	3.82E-02	0.00E+00	
COURSE GRID	391000.0	3736000.0	2.87E-02	0	2.87E-02	2.87E-02	0.00E+00	
COURSE GRID	391500.0	3736000.0	2.22E-02	0	2.22E-02	2.22E-02	0.00E+00	
COURSE GRID	392000.0	3736000.0	1.77E-02	0	1.77E-02	1.77E-02	0.00E+00	
COURSE GRID	392500.0	3736000.0	1.45E-02	0	1.45E-02	1.45E-02	0.00E+00	
COURSE GRID	393000.0	3736000.0	1.23E-02	0	1.23E-02	1.23E-02	0.00E+00	
COURSE GRID	393500.0	3736000.0	1.07E-02	0	1.07E-02	1.07E-02	0.00E+00	
COURSE GRID	377000.0	3736500.0	3.26E-03	0	3.26E-03	3.26E-03	0.00E+00	
COURSE GRID	377500.0	3736500.0	3.89E-03	0	3.89E-03	3.89E-03	0.00E+00	
COURSE GRID	378000.0	3736500.0	5.11E-03	0	5.11E-03	5.11E-03	0.00E+00	
COURSE GRID	378500.0	3736500.0	6.66E-03	0	6.66E-03	6.66E-03	0.00E+00	
COURSE GRID	379000.0	3736500.0	8.03E-03	0	8.03E-03	8.03E-03	0.00E+00	
COURSE GRID	379500.0	3736500.0	9.13E-03	0	9.13E-03	9.13E-03	0.00E+00	
COURSE GRID	380000.0	3736500.0	1.13E-02	0	1.13E-02	1.13E-02	0.00E+00	
COURSE GRID	380500.0	3736500.0	1.28E-02	0	1.28E-02	1.28E-02	0.00E+00	
COURSE GRID	381000.0	3736500.0	1.52E-02	0	1.52E-02	1.52E-02	0.00E+00	
COURSE GRID	381500.0	3736500.0	1.86E-02	0	1.86E-02	1.86E-02	0.00E+00	
COURSE GRID	382000.0	3736500.0	2.06E-02	0	2.06E-02	2.06E-02	0.00E+00	
COURSE GRID	382500.0	3736500.0	2.87E-02	0	2.87E-02	2.87E-02	0.00E+00	
COURSE GRID	383000.0	3736500.0	4.65E-02	0	4.65E-02	4.65E-02	0.00E+00	
COURSE GRID	383500.0	3736500.0	1.49E-01	0	1.49E-01	1.49E-01	0.00E+00	
COURSE GRID	384000.0	3736500.0	2.55E-01	0	2.55E-01	2.55E-01	0.00E+00	
COURSE GRID	384500.0	3736500.0	1.23E-01	0	1.23E-01	1.23E-01	0.00E+00	
COURSE GRID	385000.0	3736500.0	5.38E-02	0	5.38E-02	5.38E-02	0.00E+00	
COURSE GRID	385500.0	3736500.0	3.38E-02	0	3.38E-02	3.38E-02	0.00E+00	
COURSE GRID	386000.0	3736500.0	2.81E-02	0	2.81E-02	2.81E-02	0.00E+00	
COURSE GRID	386500.0	3736500.0	3.47E-02	0	3.47E-02	3.47E-02	0.00E+00	
COURSE GRID	387000.0	3736500.0	4.90E-02	0	4.90E-02	4.90E-02	0.00E+00	
COURSE GRID	387500.0	3736500.0	8.20E-02	0	8.20E-02	8.20E-02	0.00E+00	
COURSE GRID	388000.0	3736500.0	1.14E-01	0	1.14E-01	1.14E-01	0.00E+00	
COURSE GRID	388500.0	3736500.0	1.15E-01	0	1.15E-01	1.15E-01	0.00E+00	
COURSE GRID	389000.0	3736500.0	8.69E-02	0	8.69E-02	8.69E-02	0.00E+00	
COURSE GRID	389500.0	3736500.0	6.00E-02	0	6.00E-02	6.00E-02	0.00E+00	
COURSE GRID	390000.0	3736500.0	4.09E-02	0	4.09E-02	4.09E-02	0.00E+00	
COURSE GRID	390500.0	3736500.0	2.87E-02	0	2.87E-02	2.87E-02	0.00E+00	
COURSE GRID	391000.0	3736500.0	2.13E-02	0	2.13E-02	2.13E-02	0.00E+00	
COURSE GRID	391500.0	3736500.0	1.67E-02	0	1.67E-02	1.67E-02	0.00E+00	

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	392000.0	3736500.0	1.36E-02	0	1.36E-02	1.36E-02	0.00E+00	
COURSE GRID	392500.0	3736500.0	1.09E-02	0	1.09E-02	1.09E-02	0.00E+00	
COURSE GRID	393000.0	3736500.0	9.41E-03	0	9.41E-03	9.41E-03	0.00E+00	
COURSE GRID	393500.0	3736500.0	8.26E-03	0	8.26E-03	8.26E-03	0.00E+00	
COURSE GRID	377000.0	3737000.0	3.19E-03	0	3.19E-03	3.19E-03	0.00E+00	
COURSE GRID	377500.0	3737000.0	3.79E-03	0	3.79E-03	3.79E-03	0.00E+00	
COURSE GRID	378000.0	3737000.0	5.20E-03	0	5.20E-03	5.20E-03	0.00E+00	
COURSE GRID	378500.0	3737000.0	6.06E-03	0	6.06E-03	6.06E-03	0.00E+00	
COURSE GRID	379000.0	3737000.0	7.48E-03	0	7.48E-03	7.48E-03	0.00E+00	
COURSE GRID	379500.0	3737000.0	9.02E-03	0	9.02E-03	9.02E-03	0.00E+00	
COURSE GRID	380000.0	3737000.0	1.05E-02	0	1.05E-02	1.05E-02	0.00E+00	
COURSE GRID	380500.0	3737000.0	1.20E-02	0	1.20E-02	1.20E-02	0.00E+00	
COURSE GRID	381000.0	3737000.0	1.43E-02	0	1.43E-02	1.43E-02	0.00E+00	
COURSE GRID	381500.0	3737000.0	1.85E-02	0	1.85E-02	1.85E-02	0.00E+00	
COURSE GRID	382000.0	3737000.0	2.39E-02	0	2.39E-02	2.39E-02	0.00E+00	
COURSE GRID	382500.0	3737000.0	3.83E-02	0	3.83E-02	3.83E-02	0.00E+00	
COURSE GRID	383000.0	3737000.0	1.15E-01	0	1.15E-01	1.15E-01	0.00E+00	
COURSE GRID	383500.0	3737000.0	2.81E+00	0	2.81E+00	2.81E+00	0.00E+00	
COURSE GRID	384000.0	3737000.0	1.15E-01	0	1.15E-01	1.15E-01	0.00E+00	
COURSE GRID	384500.0	3737000.0	4.71E-02	0	4.71E-02	4.71E-02	0.00E+00	
COURSE GRID	385000.0	3737000.0	3.01E-02	0	3.01E-02	3.01E-02	0.00E+00	
COURSE GRID	385500.0	3737000.0	2.37E-02	0	2.37E-02	2.37E-02	0.00E+00	
COURSE GRID	386000.0	3737000.0	2.63E-02	0	2.63E-02	2.63E-02	0.00E+00	
COURSE GRID	386500.0	3737000.0	3.99E-02	0	3.99E-02	3.99E-02	0.00E+00	
COURSE GRID	387000.0	3737000.0	1.11E-01	0	1.11E-01	1.11E-01	0.00E+00	
COURSE GRID	387500.0	3737000.0	2.50E-01	0	2.50E-01	2.50E-01	0.00E+00	
COURSE GRID	388000.0	3737000.0	2.03E-01	0	2.03E-01	2.03E-01	0.00E+00	
COURSE GRID	388500.0	3737000.0	1.17E-01	0	1.17E-01	1.17E-01	0.00E+00	
COURSE GRID	389000.0	3737000.0	6.88E-02	0	6.88E-02	6.88E-02	0.00E+00	
COURSE GRID	389500.0	3737000.0	4.01E-02	0	4.01E-02	4.01E-02	0.00E+00	
COURSE GRID	390000.0	3737000.0	2.61E-02	0	2.61E-02	2.61E-02	0.00E+00	
COURSE GRID	390500.0	3737000.0	1.87E-02	0	1.87E-02	1.87E-02	0.00E+00	
COURSE GRID	391000.0	3737000.0	1.45E-02	0	1.45E-02	1.45E-02	0.00E+00	
COURSE GRID	391500.0	3737000.0	1.19E-02	0	1.19E-02	1.19E-02	0.00E+00	
COURSE GRID	392000.0	3737000.0	1.00E-02	0	1.00E-02	1.00E-02	0.00E+00	
COURSE GRID	392500.0	3737000.0	8.76E-03	0	8.76E-03	8.76E-03	0.00E+00	
COURSE GRID	393000.0	3737000.0	7.80E-03	0	7.80E-03	7.80E-03	0.00E+00	
COURSE GRID	393500.0	3737000.0	6.99E-03	0	6.99E-03	6.99E-03	0.00E+00	

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE			
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	377000.0	3737500.0	3.32E-03	0	3.32E-03	3.32E-03	0.00E+00
COURSE GRID	377500.0	3737500.0	4.00E-03	0	4.00E-03	4.00E-03	0.00E+00
COURSE GRID	378000.0	3737500.0	5.07E-03	0	5.07E-03	5.07E-03	0.00E+00
COURSE GRID	378500.0	3737500.0	5.58E-03	0	5.58E-03	5.58E-03	0.00E+00
COURSE GRID	379000.0	3737500.0	6.04E-03	0	6.04E-03	6.04E-03	0.00E+00
COURSE GRID	379500.0	3737500.0	7.02E-03	0	7.02E-03	7.02E-03	0.00E+00
COURSE GRID	380000.0	3737500.0	9.09E-03	0	9.09E-03	9.09E-03	0.00E+00
COURSE GRID	380500.0	3737500.0	1.08E-02	0	1.08E-02	1.08E-02	0.00E+00
COURSE GRID	381000.0	3737500.0	1.37E-02	0	1.37E-02	1.37E-02	0.00E+00
COURSE GRID	381500.0	3737500.0	1.75E-02	0	1.75E-02	1.75E-02	0.00E+00
COURSE GRID	382000.0	3737500.0	2.52E-02	0	2.52E-02	2.52E-02	0.00E+00
COURSE GRID	382500.0	3737500.0	4.97E-02	0	4.97E-02	4.97E-02	0.00E+00
COURSE GRID	383000.0	3737500.0	1.70E-01	0	1.70E-01	1.70E-01	0.00E+00
COURSE GRID	383500.0	3737500.0	7.05E-02	0	7.05E-02	7.05E-02	0.00E+00
COURSE GRID	384000.0	3737500.0	2.93E-02	0	2.93E-02	2.93E-02	0.00E+00
COURSE GRID	384500.0	3737500.0	2.63E-02	0	2.63E-02	2.63E-02	0.00E+00
COURSE GRID	385000.0	3737500.0	2.48E-02	0	2.48E-02	2.48E-02	0.00E+00
COURSE GRID	385500.0	3737500.0	2.61E-02	0	2.61E-02	2.61E-02	0.00E+00
COURSE GRID	386000.0	3737500.0	3.49E-02	0	3.49E-02	3.49E-02	0.00E+00
COURSE GRID	386500.0	3737500.0	6.61E-02	0	6.61E-02	6.61E-02	0.00E+00
COURSE GRID	387000.0	3737500.0	2.68E+00	0	2.68E+00	2.68E+00	0.00E+00
COURSE GRID	387500.0	3737500.0	2.69E-01	0	2.69E-01	2.69E-01	0.00E+00
COURSE GRID	388000.0	3737500.0	1.91E-01	0	1.91E-01	1.91E-01	0.00E+00
COURSE GRID	388500.0	3737500.0	7.23E-02	0	7.23E-02	7.23E-02	0.00E+00
COURSE GRID	389000.0	3737500.0	3.60E-02	0	3.60E-02	3.60E-02	0.00E+00
COURSE GRID	389500.0	3737500.0	2.32E-02	0	2.32E-02	2.32E-02	0.00E+00
COURSE GRID	390000.0	3737500.0	1.70E-02	0	1.70E-02	1.70E-02	0.00E+00
COURSE GRID	390500.0	3737500.0	1.35E-02	0	1.35E-02	1.35E-02	0.00E+00
COURSE GRID	391000.0	3737500.0	1.12E-02	0	1.12E-02	1.12E-02	0.00E+00
COURSE GRID	391500.0	3737500.0	9.55E-03	0	9.55E-03	9.55E-03	0.00E+00
COURSE GRID	392000.0	3737500.0	8.40E-03	0	8.40E-03	8.40E-03	0.00E+00
COURSE GRID	392500.0	3737500.0	7.49E-03	0	7.49E-03	7.49E-03	0.00E+00
COURSE GRID	393000.0	3737500.0	6.76E-03	0	6.76E-03	6.76E-03	0.00E+00
COURSE GRID	393500.0	3737500.0	6.14E-03	0	6.14E-03	6.14E-03	0.00E+00
COURSE GRID	377000.0	3738000.0	3.51E-03	0	3.51E-03	3.51E-03	0.00E+00
COURSE GRID	377500.0	3738000.0	4.03E-03	0	4.03E-03	4.03E-03	0.00E+00
COURSE GRID	378000.0	3738000.0	4.51E-03	0	4.51E-03	4.51E-03	0.00E+00
COURSE GRID	378500.0	3738000.0	4.58E-03	0	4.58E-03	4.58E-03	0.00E+00

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	379000.0	3738000.0	5.82E-03	0	5.82E-03	5.82E-03	0.00E+00	
COURSE GRID	379500.0	3738000.0	8.05E-03	0	8.05E-03	8.05E-03	0.00E+00	
COURSE GRID	380000.0	3738000.0	9.97E-03	0	9.97E-03	9.97E-03	0.00E+00	
COURSE GRID	380500.0	3738000.0	1.06E-02	0	1.06E-02	1.06E-02	0.00E+00	
COURSE GRID	381000.0	3738000.0	1.37E-02	0	1.37E-02	1.37E-02	0.00E+00	
COURSE GRID	381500.0	3738000.0	1.81E-02	0	1.81E-02	1.81E-02	0.00E+00	
COURSE GRID	382000.0	3738000.0	2.96E-02	0	2.96E-02	2.96E-02	0.00E+00	
COURSE GRID	382500.0	3738000.0	5.18E-02	0	5.18E-02	5.18E-02	0.00E+00	
COURSE GRID	383000.0	3738000.0	5.45E-02	0	5.45E-02	5.45E-02	0.00E+00	
COURSE GRID	383500.0	3738000.0	3.32E-02	0	3.32E-02	3.32E-02	0.00E+00	
COURSE GRID	384000.0	3738000.0	1.91E-02	0	1.91E-02	1.91E-02	0.00E+00	
COURSE GRID	384500.0	3738000.0	1.99E-02	0	1.99E-02	1.99E-02	0.00E+00	
COURSE GRID	385000.0	3738000.0	2.03E-02	0	2.03E-02	2.03E-02	0.00E+00	
COURSE GRID	385500.0	3738000.0	2.70E-02	0	2.70E-02	2.70E-02	0.00E+00	
COURSE GRID	386000.0	3738000.0	4.65E-02	0	4.65E-02	4.65E-02	0.00E+00	
COURSE GRID	386500.0	3738000.0	1.80E-01	0	1.80E-01	1.80E-01	0.00E+00	
COURSE GRID	387000.0	3738000.0	1.45E-01	0	1.45E-01	1.45E-01	0.00E+00	
COURSE GRID	387500.0	3738000.0	2.33E-01	0	2.33E-01	2.33E-01	0.00E+00	
COURSE GRID	388000.0	3738000.0	4.81E-02	0	4.81E-02	4.81E-02	0.00E+00	
COURSE GRID	388500.0	3738000.0	2.76E-02	0	2.76E-02	2.76E-02	0.00E+00	
COURSE GRID	389000.0	3738000.0	1.90E-02	0	1.90E-02	1.90E-02	0.00E+00	
COURSE GRID	389500.0	3738000.0	1.44E-02	0	1.44E-02	1.44E-02	0.00E+00	
COURSE GRID	390000.0	3738000.0	1.17E-02	0	1.17E-02	1.17E-02	0.00E+00	
COURSE GRID	390500.0	3738000.0	9.94E-03	0	9.94E-03	9.94E-03	0.00E+00	
COURSE GRID	391000.0	3738000.0	8.63E-03	0	8.63E-03	8.63E-03	0.00E+00	
COURSE GRID	391500.0	3738000.0	7.66E-03	0	7.66E-03	7.66E-03	0.00E+00	
COURSE GRID	392000.0	3738000.0	6.90E-03	0	6.90E-03	6.90E-03	0.00E+00	
COURSE GRID	392500.0	3738000.0	6.26E-03	0	6.26E-03	6.26E-03	0.00E+00	
COURSE GRID	393000.0	3738000.0	5.72E-03	0	5.72E-03	5.72E-03	0.00E+00	
COURSE GRID	393500.0	3738000.0	5.32E-03	0	5.32E-03	5.32E-03	0.00E+00	
COURSE GRID	397000.0	3738500.0	3.39E-03	0	3.39E-03	3.39E-03	0.00E+00	
COURSE GRID	377500.0	3738500.0	4.27E-03	0	4.27E-03	4.27E-03	0.00E+00	
COURSE GRID	378000.0	3738500.0	4.35E-03	0	4.35E-03	4.35E-03	0.00E+00	
COURSE GRID	378500.0	3738500.0	5.27E-03	0	5.27E-03	5.27E-03	0.00E+00	
COURSE GRID	379000.0	3738500.0	5.90E-03	0	5.90E-03	5.90E-03	0.00E+00	
COURSE GRID	379500.0	3738500.0	7.37E-03	0	7.37E-03	7.37E-03	0.00E+00	
COURSE GRID	380000.0	3738500.0	9.44E-03	0	9.44E-03	9.44E-03	0.00E+00	
COURSE GRID	380500.0	3738500.0	1.14E-02	0	1.14E-02	1.14E-02	0.00E+00	

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	381000.0	3738500.0	1.48E-02	0	1.48E-02	1.48E-02	0.00E+00	
COURSE GRID	381500.0	3738500.0	2.03E-02	0	2.03E-02	2.03E-02	0.00E+00	
COURSE GRID	382000.0	3738500.0	2.88E-02	0	2.88E-02	2.88E-02	0.00E+00	
COURSE GRID	382500.0	3738500.0	3.11E-02	0	3.11E-02	3.11E-02	0.00E+00	
COURSE GRID	383000.0	3738500.0	2.96E-02	0	2.96E-02	2.96E-02	0.00E+00	
COURSE GRID	383500.0	3738500.0	2.32E-02	0	2.32E-02	2.32E-02	0.00E+00	
COURSE GRID	384000.0	3738500.0	2.03E-02	0	2.03E-02	2.03E-02	0.00E+00	
COURSE GRID	384500.0	3738500.0	1.78E-02	0	1.78E-02	1.78E-02	0.00E+00	
COURSE GRID	385000.0	3738500.0	2.18E-02	0	2.18E-02	2.18E-02	0.00E+00	
COURSE GRID	385500.0	3738500.0	3.22E-02	0	3.22E-02	3.22E-02	0.00E+00	
COURSE GRID	386000.0	3738500.0	6.12E-02	0	6.12E-02	6.12E-02	0.00E+00	
COURSE GRID	386500.0	3738500.0	8.03E-02	0	8.03E-02	8.03E-02	0.00E+00	
COURSE GRID	387000.0	3738500.0	7.55E-02	0	7.55E-02	7.55E-02	0.00E+00	
COURSE GRID	387500.0	3738500.0	3.45E-02	0	3.45E-02	3.45E-02	0.00E+00	
COURSE GRID	388000.0	3738500.0	1.84E-02	0	1.84E-02	1.84E-02	0.00E+00	
COURSE GRID	388500.0	3738500.0	1.25E-02	0	1.25E-02	1.25E-02	0.00E+00	
COURSE GRID	389000.0	3738500.0	1.17E-02	0	1.17E-02	1.17E-02	0.00E+00	
COURSE GRID	389500.0	3738500.0	1.04E-02	0	1.04E-02	1.04E-02	0.00E+00	
COURSE GRID	390000.0	3738500.0	9.16E-03	0	9.16E-03	9.16E-03	0.00E+00	
COURSE GRID	390500.0	3738500.0	8.05E-03	0	8.05E-03	8.05E-03	0.00E+00	
COURSE GRID	391000.0	3738500.0	7.10E-03	0	7.10E-03	7.10E-03	0.00E+00	
COURSE GRID	391500.0	3738500.0	6.36E-03	0	6.36E-03	6.36E-03	0.00E+00	
COURSE GRID	392000.0	3738500.0	5.80E-03	0	5.80E-03	5.80E-03	0.00E+00	
COURSE GRID	392500.0	3738500.0	5.35E-03	0	5.35E-03	5.35E-03	0.00E+00	
COURSE GRID	393000.0	3738500.0	4.92E-03	0	4.92E-03	4.92E-03	0.00E+00	
COURSE GRID	393500.0	3738500.0	4.64E-03	0	4.64E-03	4.64E-03	0.00E+00	
COURSE GRID	377000.0	3739000.0	4.39E-03	0	4.39E-03	4.39E-03	0.00E+00	
COURSE GRID	377500.0	3739000.0	5.16E-03	0	5.16E-03	5.16E-03	0.00E+00	
COURSE GRID	378000.0	3739000.0	5.23E-03	0	5.23E-03	5.23E-03	0.00E+00	
COURSE GRID	378500.0	3739000.0	5.59E-03	0	5.59E-03	5.59E-03	0.00E+00	
COURSE GRID	379000.0	3739000.0	6.33E-03	0	6.33E-03	6.33E-03	0.00E+00	
COURSE GRID	379500.0	3739000.0	7.98E-03	0	7.98E-03	7.98E-03	0.00E+00	
COURSE GRID	380000.0	3739000.0	9.91E-03	0	9.91E-03	9.91E-03	0.00E+00	
COURSE GRID	380500.0	3739000.0	1.21E-02	0	1.21E-02	1.21E-02	0.00E+00	
COURSE GRID	381000.0	3739000.0	1.57E-02	0	1.57E-02	1.57E-02	0.00E+00	
COURSE GRID	381500.0	3739000.0	1.98E-02	0	1.98E-02	1.98E-02	0.00E+00	
COURSE GRID	382000.0	3739000.0	2.16E-02	0	2.16E-02	2.16E-02	0.00E+00	
COURSE GRID	382500.0	3739000.0	2.17E-02	0	2.17E-02	2.17E-02	0.00E+00	

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	383000.0	3739000.0	2.07E-02	0	2.07E-02	2.07E-02	0.00E+00	
COURSE GRID	383500.0	3739000.0	1.89E-02	0	1.89E-02	1.89E-02	0.00E+00	
COURSE GRID	384000.0	3739000.0	1.77E-02	0	1.77E-02	1.77E-02	0.00E+00	
COURSE GRID	384500.0	3739000.0	1.89E-02	0	1.89E-02	1.89E-02	0.00E+00	
COURSE GRID	385000.0	3739000.0	2.39E-02	0	2.39E-02	2.39E-02	0.00E+00	
COURSE GRID	385500.0	3739000.0	3.58E-02	0	3.58E-02	3.58E-02	0.00E+00	
COURSE GRID	386000.0	3739000.0	4.36E-02	0	4.36E-02	4.36E-02	0.00E+00	
COURSE GRID	386500.0	3739000.0	4.55E-02	0	4.55E-02	4.55E-02	0.00E+00	
COURSE GRID	387000.0	3739000.0	3.53E-02	0	3.53E-02	3.53E-02	0.00E+00	
COURSE GRID	387500.0	3739000.0	2.25E-02	0	2.25E-02	2.25E-02	0.00E+00	
COURSE GRID	388000.0	3739000.0	1.21E-02	0	1.21E-02	1.21E-02	0.00E+00	
COURSE GRID	388500.0	3739000.0	1.00E-02	0	1.00E-02	1.00E-02	0.00E+00	
COURSE GRID	389000.0	3739000.0	8.06E-03	0	8.06E-03	8.06E-03	0.00E+00	
COURSE GRID	389500.0	3739000.0	6.53E-03	0	6.53E-03	6.53E-03	0.00E+00	
COURSE GRID	390000.0	3739000.0	6.51E-03	0	6.51E-03	6.51E-03	0.00E+00	
COURSE GRID	390500.0	3739000.0	6.27E-03	0	6.27E-03	6.27E-03	0.00E+00	
COURSE GRID	391000.0	3739000.0	5.93E-03	0	5.93E-03	5.93E-03	0.00E+00	
COURSE GRID	391500.0	3739000.0	5.65E-03	0	5.65E-03	5.65E-03	0.00E+00	
COURSE GRID	392000.0	3739000.0	5.32E-03	0	5.32E-03	5.32E-03	0.00E+00	
COURSE GRID	392500.0	3739000.0	4.94E-03	0	4.94E-03	4.94E-03	0.00E+00	
COURSE GRID	393000.0	3739000.0	4.39E-03	0	4.39E-03	4.39E-03	0.00E+00	
COURSE GRID	393500.0	3739000.0	4.00E-03	0	4.00E-03	4.00E-03	0.00E+00	
COURSE GRID	377000.0	3739500.0	4.28E-03	0	4.28E-03	4.28E-03	0.00E+00	
COURSE GRID	377500.0	3739500.0	4.67E-03	0	4.67E-03	4.67E-03	0.00E+00	
COURSE GRID	378000.0	3739500.0	5.27E-03	0	5.27E-03	5.27E-03	0.00E+00	
COURSE GRID	378500.0	3739500.0	5.94E-03	0	5.94E-03	5.94E-03	0.00E+00	
COURSE GRID	379000.0	3739500.0	7.00E-03	0	7.00E-03	7.00E-03	0.00E+00	
COURSE GRID	379500.0	3739500.0	8.46E-03	0	8.46E-03	8.46E-03	0.00E+00	
COURSE GRID	380000.0	3739500.0	9.85E-03	0	9.85E-03	9.85E-03	0.00E+00	
COURSE GRID	380500.0	3739500.0	1.27E-02	0	1.27E-02	1.27E-02	0.00E+00	
COURSE GRID	381000.0	3739500.0	1.51E-02	0	1.51E-02	1.51E-02	0.00E+00	
COURSE GRID	381500.0	3739500.0	1.64E-02	0	1.64E-02	1.64E-02	0.00E+00	
COURSE GRID	382000.0	3739500.0	1.66E-02	0	1.66E-02	1.66E-02	0.00E+00	
COURSE GRID	382500.0	3739500.0	1.70E-02	0	1.70E-02	1.70E-02	0.00E+00	
COURSE GRID	383000.0	3739500.0	1.65E-02	0	1.65E-02	1.65E-02	0.00E+00	
COURSE GRID	383500.0	3739500.0	1.68E-02	0	1.68E-02	1.68E-02	0.00E+00	
COURSE GRID	384000.0	3739500.0	1.72E-02	0	1.72E-02	1.72E-02	0.00E+00	
COURSE GRID	384500.0	3739500.0	2.07E-02	0	2.07E-02	2.07E-02	0.00E+00	

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	385000.0	3739500.0	2.43E-02	0	2.43E-02	2.43E-02	0.00E+00	
COURSE GRID	385500.0	3739500.0	2.88E-02	0	2.88E-02	2.88E-02	0.00E+00	
COURSE GRID	386000.0	3739500.0	3.05E-02	0	3.05E-02	3.05E-02	0.00E+00	
COURSE GRID	386500.0	3739500.0	2.74E-02	0	2.74E-02	2.74E-02	0.00E+00	
COURSE GRID	387000.0	3739500.0	2.21E-02	0	2.21E-02	2.21E-02	0.00E+00	
COURSE GRID	387500.0	3739500.0	1.52E-02	0	1.52E-02	1.52E-02	0.00E+00	
COURSE GRID	388000.0	3739500.0	1.05E-02	0	1.05E-02	1.05E-02	0.00E+00	
COURSE GRID	388500.0	3739500.0	6.88E-03	0	6.88E-03	6.88E-03	0.00E+00	
COURSE GRID	389000.0	3739500.0	7.01E-03	0	7.01E-03	7.01E-03	0.00E+00	
COURSE GRID	389500.0	3739500.0	6.04E-03	0	6.04E-03	6.04E-03	0.00E+00	
COURSE GRID	390000.0	3739500.0	4.94E-03	0	4.94E-03	4.94E-03	0.00E+00	
COURSE GRID	390500.0	3739500.0	4.60E-03	0	4.60E-03	4.60E-03	0.00E+00	
COURSE GRID	391000.0	3739500.0	4.64E-03	0	4.64E-03	4.64E-03	0.00E+00	
COURSE GRID	391500.0	3739500.0	4.59E-03	0	4.59E-03	4.59E-03	0.00E+00	
COURSE GRID	392000.0	3739500.0	4.41E-03	0	4.41E-03	4.41E-03	0.00E+00	
COURSE GRID	392500.0	3739500.0	4.01E-03	0	4.01E-03	4.01E-03	0.00E+00	
COURSE GRID	393000.0	3739500.0	3.80E-03	0	3.80E-03	3.80E-03	0.00E+00	
COURSE GRID	393500.0	3739500.0	3.57E-03	0	3.57E-03	3.57E-03	0.00E+00	
COURSE GRID	377000.0	3740000.0	4.34E-03	0	4.34E-03	4.34E-03	0.00E+00	
COURSE GRID	377500.0	3740000.0	4.86E-03	0	4.86E-03	4.86E-03	0.00E+00	
COURSE GRID	378000.0	3740000.0	5.40E-03	0	5.40E-03	5.40E-03	0.00E+00	
COURSE GRID	378500.0	3740000.0	6.26E-03	0	6.26E-03	6.26E-03	0.00E+00	
COURSE GRID	379000.0	3740000.0	7.19E-03	0	7.19E-03	7.19E-03	0.00E+00	
COURSE GRID	379500.0	3740000.0	8.22E-03	0	8.22E-03	8.22E-03	0.00E+00	
COURSE GRID	380000.0	3740000.0	1.05E-02	0	1.05E-02	1.05E-02	0.00E+00	
COURSE GRID	380500.0	3740000.0	1.20E-02	0	1.20E-02	1.20E-02	0.00E+00	
COURSE GRID	381000.0	3740000.0	1.30E-02	0	1.30E-02	1.30E-02	0.00E+00	
COURSE GRID	381500.0	3740000.0	1.35E-02	0	1.35E-02	1.35E-02	0.00E+00	
COURSE GRID	382000.0	3740000.0	1.40E-02	0	1.40E-02	1.40E-02	0.00E+00	
COURSE GRID	382500.0	3740000.0	1.44E-02	0	1.44E-02	1.44E-02	0.00E+00	
COURSE GRID	383000.0	3740000.0	1.47E-02	0	1.47E-02	1.47E-02	0.00E+00	
COURSE GRID	383500.0	3740000.0	1.61E-02	0	1.61E-02	1.61E-02	0.00E+00	
COURSE GRID	384000.0	3740000.0	1.71E-02	0	1.71E-02	1.71E-02	0.00E+00	
COURSE GRID	384500.0	3740000.0	2.03E-02	0	2.03E-02	2.03E-02	0.00E+00	
COURSE GRID	385000.0	3740000.0	2.17E-02	0	2.17E-02	2.17E-02	0.00E+00	
COURSE GRID	385500.0	3740000.0	2.15E-02	0	2.15E-02	2.15E-02	0.00E+00	
COURSE GRID	386000.0	3740000.0	2.17E-02	0	2.17E-02	2.17E-02	0.00E+00	
COURSE GRID	386500.0	3740000.0	1.89E-02	0	1.89E-02	1.89E-02	0.00E+00	

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	387000.0	3740000.0	1.59E-02	0	1.59E-02	1.59E-02	0.00E+00	
COURSE GRID	387500.0	3740000.0	1.19E-02	0	1.19E-02	1.19E-02	0.00E+00	
COURSE GRID	388000.0	3740000.0	9.51E-03	0	9.51E-03	9.51E-03	0.00E+00	
COURSE GRID	388500.0	3740000.0	6.28E-03	0	6.28E-03	6.28E-03	0.00E+00	
COURSE GRID	389000.0	3740000.0	5.29E-03	0	5.29E-03	5.29E-03	0.00E+00	
COURSE GRID	389500.0	3740000.0	5.37E-03	0	5.37E-03	5.37E-03	0.00E+00	
COURSE GRID	390000.0	3740000.0	4.66E-03	0	4.66E-03	4.66E-03	0.00E+00	
COURSE GRID	390500.0	3740000.0	4.26E-03	0	4.26E-03	4.26E-03	0.00E+00	
COURSE GRID	391000.0	3740000.0	3.75E-03	0	3.75E-03	3.75E-03	0.00E+00	
COURSE GRID	391500.0	3740000.0	3.59E-03	0	3.59E-03	3.59E-03	0.00E+00	
COURSE GRID	392000.0	3740000.0	3.33E-03	0	3.33E-03	3.33E-03	0.00E+00	
COURSE GRID	392500.0	3740000.0	3.12E-03	0	3.12E-03	3.12E-03	0.00E+00	
COURSE GRID	393000.0	3740000.0	2.96E-03	0	2.96E-03	2.96E-03	0.00E+00	
COURSE GRID	393500.0	3740000.0	3.10E-03	0	3.10E-03	3.10E-03	0.00E+00	
COURSE GRID	377000.0	3740500.0	4.49E-03	0	4.49E-03	4.49E-03	0.00E+00	
COURSE GRID	377500.0	3740500.0	5.02E-03	0	5.02E-03	5.02E-03	0.00E+00	
COURSE GRID	378000.0	3740500.0	5.71E-03	0	5.71E-03	5.71E-03	0.00E+00	
COURSE GRID	378500.0	3740500.0	6.33E-03	0	6.33E-03	6.33E-03	0.00E+00	
COURSE GRID	379000.0	3740500.0	7.41E-03	0	7.41E-03	7.41E-03	0.00E+00	
COURSE GRID	379500.0	3740500.0	8.91E-03	0	8.91E-03	8.91E-03	0.00E+00	
COURSE GRID	380000.0	3740500.0	9.73E-03	0	9.73E-03	9.73E-03	0.00E+00	
COURSE GRID	380500.0	3740500.0	1.07E-02	0	1.07E-02	1.07E-02	0.00E+00	
COURSE GRID	381000.0	3740500.0	1.14E-02	0	1.14E-02	1.14E-02	0.00E+00	
COURSE GRID	381500.0	3740500.0	1.17E-02	0	1.17E-02	1.17E-02	0.00E+00	
COURSE GRID	382000.0	3740500.0	1.24E-02	0	1.24E-02	1.24E-02	0.00E+00	
COURSE GRID	382500.0	3740500.0	1.30E-02	0	1.30E-02	1.30E-02	0.00E+00	
COURSE GRID	383000.0	3740500.0	1.36E-02	0	1.36E-02	1.36E-02	0.00E+00	
COURSE GRID	383500.0	3740500.0	1.57E-02	0	1.57E-02	1.57E-02	0.00E+00	
COURSE GRID	384000.0	3740500.0	1.66E-02	0	1.66E-02	1.66E-02	0.00E+00	
COURSE GRID	384500.0	3740500.0	1.81E-02	0	1.81E-02	1.81E-02	0.00E+00	
COURSE GRID	385000.0	3740500.0	1.83E-02	0	1.83E-02	1.83E-02	0.00E+00	
COURSE GRID	385500.0	3740500.0	1.69E-02	0	1.69E-02	1.69E-02	0.00E+00	
COURSE GRID	386000.0	3740500.0	1.56E-02	0	1.56E-02	1.56E-02	0.00E+00	
COURSE GRID	386500.0	3740500.0	1.41E-02	0	1.41E-02	1.41E-02	0.00E+00	
COURSE GRID	387000.0	3740500.0	1.24E-02	0	1.24E-02	1.24E-02	0.00E+00	
COURSE GRID	387500.0	3740500.0	9.70E-03	0	9.70E-03	9.70E-03	0.00E+00	
COURSE GRID	388000.0	3740500.0	7.95E-03	0	7.95E-03	7.95E-03	0.00E+00	
COURSE GRID	388500.0	3740500.0	6.66E-03	0	6.66E-03	6.66E-03	0.00E+00	

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	389000.0	3740500.0	4.38E-03	0	4.38E-03	4.38E-03	0.00E+00	
COURSE GRID	389500.0	3740500.0	4.35E-03	0	4.35E-03	4.35E-03	0.00E+00	
COURSE GRID	390000.0	3740500.0	4.31E-03	0	4.31E-03	4.31E-03	0.00E+00	
COURSE GRID	390500.0	3740500.0	3.79E-03	0	3.79E-03	3.79E-03	0.00E+00	
COURSE GRID	391000.0	3740500.0	3.52E-03	0	3.52E-03	3.52E-03	0.00E+00	
COURSE GRID	391500.0	3740500.0	2.96E-03	0	2.96E-03	2.96E-03	0.00E+00	
COURSE GRID	392000.0	3740500.0	2.21E-03	0	2.21E-03	2.21E-03	0.00E+00	
COURSE GRID	392500.0	3740500.0	2.04E-03	0	2.04E-03	2.04E-03	0.00E+00	
COURSE GRID	393000.0	3740500.0	2.61E-03	0	2.61E-03	2.61E-03	0.00E+00	
COURSE GRID	393500.0	3740500.0	2.79E-03	0	2.79E-03	2.79E-03	0.00E+00	
COURSE GRID	377000.0	3741000.0	4.67E-03	0	4.67E-03	4.67E-03	0.00E+00	
COURSE GRID	377500.0	3741000.0	5.14E-03	0	5.14E-03	5.14E-03	0.00E+00	
COURSE GRID	378000.0	3741000.0	5.49E-03	0	5.49E-03	5.49E-03	0.00E+00	
COURSE GRID	378500.0	3741000.0	6.38E-03	0	6.38E-03	6.38E-03	0.00E+00	
COURSE GRID	379000.0	3741000.0	7.73E-03	0	7.73E-03	7.73E-03	0.00E+00	
COURSE GRID	379500.0	3741000.0	8.47E-03	0	8.47E-03	8.47E-03	0.00E+00	
COURSE GRID	380000.0	3741000.0	8.85E-03	0	8.85E-03	8.85E-03	0.00E+00	
COURSE GRID	380500.0	3741000.0	9.78E-03	0	9.78E-03	9.78E-03	0.00E+00	
COURSE GRID	381000.0	3741000.0	1.02E-02	0	1.02E-02	1.02E-02	0.00E+00	
COURSE GRID	381500.0	3741000.0	1.07E-02	0	1.07E-02	1.07E-02	0.00E+00	
COURSE GRID	382000.0	3741000.0	1.15E-02	0	1.15E-02	1.15E-02	0.00E+00	
COURSE GRID	382500.0	3741000.0	1.20E-02	0	1.20E-02	1.20E-02	0.00E+00	
COURSE GRID	383000.0	3741000.0	1.32E-02	0	1.32E-02	1.32E-02	0.00E+00	
COURSE GRID	383500.0	3741000.0	1.48E-02	0	1.48E-02	1.48E-02	0.00E+00	
COURSE GRID	384000.0	3741000.0	1.50E-02	0	1.50E-02	1.50E-02	0.00E+00	
COURSE GRID	384500.0	3741000.0	1.53E-02	0	1.53E-02	1.53E-02	0.00E+00	
COURSE GRID	385000.0	3741000.0	1.50E-02	0	1.50E-02	1.50E-02	0.00E+00	
COURSE GRID	385500.0	3741000.0	1.41E-02	0	1.41E-02	1.41E-02	0.00E+00	
COURSE GRID	386000.0	3741000.0	1.25E-02	0	1.25E-02	1.25E-02	0.00E+00	
COURSE GRID	386500.0	3741000.0	1.09E-02	0	1.09E-02	1.09E-02	0.00E+00	
COURSE GRID	387000.0	3741000.0	1.02E-02	0	1.02E-02	1.02E-02	0.00E+00	
COURSE GRID	387500.0	3741000.0	8.42E-03	0	8.42E-03	8.42E-03	0.00E+00	
COURSE GRID	388000.0	3741000.0	6.93E-03	0	6.93E-03	6.93E-03	0.00E+00	
COURSE GRID	388500.0	3741000.0	6.29E-03	0	6.29E-03	6.29E-03	0.00E+00	
COURSE GRID	389000.0	3741000.0	4.82E-03	0	4.82E-03	4.82E-03	0.00E+00	
COURSE GRID	389500.0	3741000.0	3.55E-03	0	3.55E-03	3.55E-03	0.00E+00	
COURSE GRID	390000.0	3741000.0	3.74E-03	0	3.74E-03	3.74E-03	0.00E+00	
COURSE GRID	390500.0	3741000.0	3.51E-03	0	3.51E-03	3.51E-03	0.00E+00	

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	391000.0	3741000.0	2.91E-03	0	2.91E-03	2.91E-03	0.00E+00	
COURSE GRID	391500.0	3741000.0	2.74E-03	0	2.74E-03	2.74E-03	0.00E+00	
COURSE GRID	392000.0	3741000.0	2.61E-03	0	2.61E-03	2.61E-03	0.00E+00	
COURSE GRID	392500.0	3741000.0	2.34E-03	0	2.34E-03	2.34E-03	0.00E+00	
COURSE GRID	393000.0	3741000.0	2.31E-03	0	2.31E-03	2.31E-03	0.00E+00	
COURSE GRID	393500.0	3741000.0	2.38E-03	0	2.38E-03	2.38E-03	0.00E+00	
COURSE GRID	377000.0	3741500.0	4.55E-03	0	4.55E-03	4.55E-03	0.00E+00	
COURSE GRID	377500.0	3741500.0	4.73E-03	0	4.73E-03	4.73E-03	0.00E+00	
COURSE GRID	378000.0	3741500.0	5.63E-03	0	5.63E-03	5.63E-03	0.00E+00	
COURSE GRID	378500.0	3741500.0	6.77E-03	0	6.77E-03	6.77E-03	0.00E+00	
COURSE GRID	379000.0	3741500.0	7.21E-03	0	7.21E-03	7.21E-03	0.00E+00	
COURSE GRID	379500.0	3741500.0	7.70E-03	0	7.70E-03	7.70E-03	0.00E+00	
COURSE GRID	380000.0	3741500.0	8.67E-03	0	8.67E-03	8.67E-03	0.00E+00	
COURSE GRID	380500.0	3741500.0	8.82E-03	0	8.82E-03	8.82E-03	0.00E+00	
COURSE GRID	381000.0	3741500.0	9.51E-03	0	9.51E-03	9.51E-03	0.00E+00	
COURSE GRID	381500.0	3741500.0	1.00E-02	0	1.00E-02	1.00E-02	0.00E+00	
COURSE GRID	382000.0	3741500.0	1.07E-02	0	1.07E-02	1.07E-02	0.00E+00	
COURSE GRID	382500.0	3741500.0	1.15E-02	0	1.15E-02	1.15E-02	0.00E+00	
COURSE GRID	383000.0	3741500.0	1.24E-02	0	1.24E-02	1.24E-02	0.00E+00	
COURSE GRID	383500.0	3741500.0	1.34E-02	0	1.34E-02	1.34E-02	0.00E+00	
COURSE GRID	384000.0	3741500.0	1.32E-02	0	1.32E-02	1.32E-02	0.00E+00	
COURSE GRID	384500.0	3741500.0	1.28E-02	0	1.28E-02	1.28E-02	0.00E+00	
COURSE GRID	385000.0	3741500.0	1.25E-02	0	1.25E-02	1.25E-02	0.00E+00	
COURSE GRID	385500.0	3741500.0	1.20E-02	0	1.20E-02	1.20E-02	0.00E+00	
COURSE GRID	386000.0	3741500.0	1.06E-02	0	1.06E-02	1.06E-02	0.00E+00	
COURSE GRID	386500.0	3741500.0	8.97E-03	0	8.97E-03	8.97E-03	0.00E+00	
COURSE GRID	387000.0	3741500.0	8.40E-03	0	8.40E-03	8.40E-03	0.00E+00	
COURSE GRID	387500.0	3741500.0	7.34E-03	0	7.34E-03	7.34E-03	0.00E+00	
COURSE GRID	388000.0	3741500.0	6.34E-03	0	6.34E-03	6.34E-03	0.00E+00	
COURSE GRID	388500.0	3741500.0	5.49E-03	0	5.49E-03	5.49E-03	0.00E+00	
COURSE GRID	389000.0	3741500.0	4.95E-03	0	4.95E-03	4.95E-03	0.00E+00	
COURSE GRID	389500.0	3741500.0	3.66E-03	0	3.66E-03	3.66E-03	0.00E+00	
COURSE GRID	390000.0	3741500.0	3.07E-03	0	3.07E-03	3.07E-03	0.00E+00	
COURSE GRID	390500.0	3741500.0	3.15E-03	0	3.15E-03	3.15E-03	0.00E+00	
COURSE GRID	391000.0	3741500.0	3.00E-03	0	3.00E-03	3.00E-03	0.00E+00	
COURSE GRID	391500.0	3741500.0	2.45E-03	0	2.45E-03	2.45E-03	0.00E+00	
COURSE GRID	392000.0	3741500.0	2.48E-03	0	2.48E-03	2.48E-03	0.00E+00	
COURSE GRID	392500.0	3741500.0	2.45E-03	0	2.45E-03	2.45E-03	0.00E+00	

CHRONIC NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	393000.0	3741500.0	2.37E-03	0	2.37E-03	2.37E-03	0.00E+00	
COURSE GRID	393500.0	3741500.0	2.32E-03	0	2.32E-03	2.32E-03	0.00E+00	
COURSE GRID	377000.0	3742000.0	4.49E-03	0	4.49E-03	4.49E-03	0.00E+00	
COURSE GRID	377500.0	3742000.0	5.15E-03	0	5.15E-03	5.15E-03	0.00E+00	
COURSE GRID	378000.0	3742000.0	5.99E-03	0	5.99E-03	5.99E-03	0.00E+00	
COURSE GRID	378500.0	3742000.0	6.39E-03	0	6.39E-03	6.39E-03	0.00E+00	
COURSE GRID	379000.0	3742000.0	6.75E-03	0	6.75E-03	6.75E-03	0.00E+00	
COURSE GRID	379500.0	3742000.0	7.39E-03	0	7.39E-03	7.39E-03	0.00E+00	
COURSE GRID	380000.0	3742000.0	7.93E-03	0	7.93E-03	7.93E-03	0.00E+00	
COURSE GRID	380500.0	3742000.0	8.41E-03	0	8.41E-03	8.41E-03	0.00E+00	
COURSE GRID	381000.0	3742000.0	8.94E-03	0	8.94E-03	8.94E-03	0.00E+00	
COURSE GRID	381500.0	3742000.0	9.56E-03	0	9.56E-03	9.56E-03	0.00E+00	
COURSE GRID	382000.0	3742000.0	1.04E-02	0	1.04E-02	1.04E-02	0.00E+00	
COURSE GRID	382500.0	3742000.0	1.08E-02	0	1.08E-02	1.08E-02	0.00E+00	
COURSE GRID	383000.0	3742000.0	1.13E-02	0	1.13E-02	1.13E-02	0.00E+00	
COURSE GRID	383500.0	3742000.0	1.20E-02	0	1.20E-02	1.20E-02	0.00E+00	
COURSE GRID	384000.0	3742000.0	1.15E-02	0	1.15E-02	1.15E-02	0.00E+00	
COURSE GRID	384500.0	3742000.0	1.09E-02	0	1.09E-02	1.09E-02	0.00E+00	
COURSE GRID	385000.0	3742000.0	1.08E-02	0	1.08E-02	1.08E-02	0.00E+00	
COURSE GRID	385500.0	3742000.0	1.02E-02	0	1.02E-02	1.02E-02	0.00E+00	
COURSE GRID	386000.0	3742000.0	9.20E-03	0	9.20E-03	9.20E-03	0.00E+00	
COURSE GRID	386500.0	3742000.0	7.78E-03	0	7.78E-03	7.78E-03	0.00E+00	
COURSE GRID	387000.0	3742000.0	7.13E-03	0	7.13E-03	7.13E-03	0.00E+00	
COURSE GRID	387500.0	3742000.0	6.33E-03	0	6.33E-03	6.33E-03	0.00E+00	
COURSE GRID	388000.0	3742000.0	5.69E-03	0	5.69E-03	5.69E-03	0.00E+00	
COURSE GRID	388500.0	3742000.0	5.18E-03	0	5.18E-03	5.18E-03	0.00E+00	
COURSE GRID	389000.0	3742000.0	4.70E-03	0	4.70E-03	4.70E-03	0.00E+00	
COURSE GRID	389500.0	3742000.0	3.89E-03	0	3.89E-03	3.89E-03	0.00E+00	
COURSE GRID	390000.0	3742000.0	2.82E-03	0	2.82E-03	2.82E-03	0.00E+00	
COURSE GRID	390500.0	3742000.0	2.45E-03	0	2.45E-03	2.45E-03	0.00E+00	
COURSE GRID	391000.0	3742000.0	2.77E-03	0	2.77E-03	2.77E-03	0.00E+00	
COURSE GRID	391500.0	3742000.0	2.71E-03	0	2.71E-03	2.71E-03	0.00E+00	
COURSE GRID	392000.0	3742000.0	2.29E-03	0	2.29E-03	2.29E-03	0.00E+00	
COURSE GRID	392500.0	3742000.0	2.31E-03	0	2.31E-03	2.31E-03	0.00E+00	
COURSE GRID	393000.0	3742000.0	2.34E-03	0	2.34E-03	2.34E-03	0.00E+00	
COURSE GRID	393500.0	3742000.0	2.31E-03	0	2.31E-03	2.31E-03	0.00E+00	

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE			
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	377000.0	3728500.0	9.76E-02	0	9.76E-02	9.76E-02	0.00E+00
COURSE GRID	377500.0	3728500.0	8.14E-02	0	8.14E-02	8.14E-02	0.00E+00
COURSE GRID	378000.0	3728500.0	8.10E-02	0	8.10E-02	8.10E-02	0.00E+00
COURSE GRID	378500.0	3728500.0	8.10E-02	0	8.10E-02	8.10E-02	0.00E+00
COURSE GRID	379000.0	3728500.0	8.60E-02	0	8.60E-02	8.60E-02	0.00E+00
COURSE GRID	379500.0	3728500.0	8.63E-02	0	8.63E-02	8.63E-02	0.00E+00
COURSE GRID	380000.0	3728500.0	9.69E-02	0	9.69E-02	9.69E-02	0.00E+00
COURSE GRID	380500.0	3728500.0	9.30E-02	0	9.30E-02	9.30E-02	0.00E+00
COURSE GRID	381000.0	3728500.0	1.03E-01	0	1.03E-01	1.03E-01	0.00E+00
COURSE GRID	381500.0	3728500.0	1.02E-01	0	1.02E-01	1.02E-01	0.00E+00
COURSE GRID	382000.0	3728500.0	1.05E-01	0	1.05E-01	1.05E-01	0.00E+00
COURSE GRID	382500.0	3728500.0	9.94E-02	0	9.94E-02	9.94E-02	0.00E+00
COURSE GRID	383000.0	3728500.0	1.01E-01	0	1.01E-01	1.01E-01	0.00E+00
COURSE GRID	383500.0	3728500.0	1.22E-01	0	1.22E-01	1.22E-01	0.00E+00
COURSE GRID	384000.0	3728500.0	1.05E-01	0	1.05E-01	1.05E-01	0.00E+00
COURSE GRID	384500.0	3728500.0	1.08E-01	0	1.08E-01	1.08E-01	0.00E+00
COURSE GRID	385000.0	3728500.0	1.15E-01	0	1.15E-01	1.15E-01	0.00E+00
COURSE GRID	385500.0	3728500.0	1.21E-01	0	1.21E-01	1.21E-01	0.00E+00
COURSE GRID	386000.0	3728500.0	1.29E-01	0	1.29E-01	1.29E-01	0.00E+00
COURSE GRID	386500.0	3728500.0	1.38E-01	0	1.38E-01	1.38E-01	0.00E+00
COURSE GRID	387000.0	3728500.0	1.13E-01	0	1.13E-01	1.13E-01	0.00E+00
COURSE GRID	387500.0	3728500.0	1.17E-01	0	1.17E-01	1.17E-01	0.00E+00
COURSE GRID	388000.0	3728500.0	1.26E-01	0	1.26E-01	1.26E-01	0.00E+00
COURSE GRID	388500.0	3728500.0	1.41E-01	0	1.41E-01	1.41E-01	0.00E+00
COURSE GRID	389000.0	3728500.0	1.59E-01	0	1.59E-01	1.59E-01	0.00E+00
COURSE GRID	389500.0	3728500.0	1.17E-01	0	1.17E-01	1.17E-01	0.00E+00
COURSE GRID	390000.0	3728500.0	1.17E-01	0	1.17E-01	1.17E-01	0.00E+00
COURSE GRID	390500.0	3728500.0	1.21E-01	0	1.21E-01	1.21E-01	0.00E+00
COURSE GRID	391000.0	3728500.0	1.18E-01	0	1.18E-01	1.18E-01	0.00E+00
COURSE GRID	391500.0	3728500.0	1.08E-01	0	1.08E-01	1.08E-01	0.00E+00
COURSE GRID	392000.0	3728500.0	1.10E-01	0	1.10E-01	1.10E-01	0.00E+00
COURSE GRID	392500.0	3728500.0	1.09E-01	0	1.09E-01	1.09E-01	0.00E+00
COURSE GRID	393000.0	3728500.0	9.34E-02	0	9.34E-02	9.34E-02	0.00E+00
COURSE GRID	393500.0	3728500.0	9.07E-02	0	9.07E-02	9.07E-02	0.00E+00
COURSE GRID	377000.0	3729000.0	9.63E-02	0	9.63E-02	9.63E-02	0.00E+00
COURSE GRID	377500.0	3729000.0	9.96E-02	0	9.96E-02	9.96E-02	0.00E+00
COURSE GRID	378000.0	3729000.0	8.28E-02	0	8.28E-02	8.28E-02	0.00E+00
COURSE GRID	378500.0	3729000.0	8.12E-02	0	8.12E-02	8.12E-02	0.00E+00

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	379000.0	3729000.0	8.20E-02	0	8.20E-02	8.20E-02	0.00E+00	
COURSE GRID	379500.0	3729000.0	8.87E-02	0	8.87E-02	8.87E-02	0.00E+00	
COURSE GRID	380000.0	3729000.0	9.67E-02	0	9.67E-02	9.67E-02	0.00E+00	
COURSE GRID	380500.0	3729000.0	9.72E-02	0	9.72E-02	9.72E-02	0.00E+00	
COURSE GRID	381000.0	3729000.0	1.08E-01	0	1.08E-01	1.08E-01	0.00E+00	
COURSE GRID	381500.0	3729000.0	1.17E-01	0	1.17E-01	1.17E-01	0.00E+00	
COURSE GRID	382000.0	3729000.0	1.10E-01	0	1.10E-01	1.10E-01	0.00E+00	
COURSE GRID	382500.0	3729000.0	1.00E-01	0	1.00E-01	1.00E-01	0.00E+00	
COURSE GRID	383000.0	3729000.0	1.03E-01	0	1.03E-01	1.03E-01	0.00E+00	
COURSE GRID	383500.0	3729000.0	1.28E-01	0	1.28E-01	1.28E-01	0.00E+00	
COURSE GRID	384000.0	3729000.0	1.11E-01	0	1.11E-01	1.11E-01	0.00E+00	
COURSE GRID	384500.0	3729000.0	1.15E-01	0	1.15E-01	1.15E-01	0.00E+00	
COURSE GRID	385000.0	3729000.0	1.18E-01	0	1.18E-01	1.18E-01	0.00E+00	
COURSE GRID	385500.0	3729000.0	1.44E-01	0	1.44E-01	1.44E-01	0.00E+00	
COURSE GRID	386000.0	3729000.0	1.44E-01	0	1.44E-01	1.44E-01	0.00E+00	
COURSE GRID	386500.0	3729000.0	1.24E-01	0	1.24E-01	1.24E-01	0.00E+00	
COURSE GRID	387000.0	3729000.0	1.17E-01	0	1.17E-01	1.17E-01	0.00E+00	
COURSE GRID	387500.0	3729000.0	1.20E-01	0	1.20E-01	1.20E-01	0.00E+00	
COURSE GRID	388000.0	3729000.0	1.47E-01	0	1.47E-01	1.47E-01	0.00E+00	
COURSE GRID	388500.0	3729000.0	1.65E-01	0	1.65E-01	1.65E-01	0.00E+00	
COURSE GRID	389000.0	3729000.0	1.20E-01	0	1.20E-01	1.20E-01	0.00E+00	
COURSE GRID	389500.0	3729000.0	1.26E-01	0	1.26E-01	1.26E-01	0.00E+00	
COURSE GRID	390000.0	3729000.0	1.19E-01	0	1.19E-01	1.19E-01	0.00E+00	
COURSE GRID	390500.0	3729000.0	1.27E-01	0	1.27E-01	1.27E-01	0.00E+00	
COURSE GRID	391000.0	3729000.0	1.23E-01	0	1.23E-01	1.23E-01	0.00E+00	
COURSE GRID	391500.0	3729000.0	1.18E-01	0	1.18E-01	1.18E-01	0.00E+00	
COURSE GRID	392000.0	3729000.0	1.08E-01	0	1.08E-01	1.08E-01	0.00E+00	
COURSE GRID	392500.0	3729000.0	9.67E-02	0	9.67E-02	9.67E-02	0.00E+00	
COURSE GRID	393000.0	3729000.0	9.45E-02	0	9.45E-02	9.45E-02	0.00E+00	
COURSE GRID	393500.0	3729000.0	8.75E-02	0	8.75E-02	8.75E-02	0.00E+00	
COURSE GRID	377000.0	3729500.0	8.02E-02	0	8.02E-02	8.02E-02	0.00E+00	
COURSE GRID	377500.0	3729500.0	9.78E-02	0	9.78E-02	9.78E-02	0.00E+00	
COURSE GRID	378000.0	3729500.0	1.02E-01	0	1.02E-01	1.02E-01	0.00E+00	
COURSE GRID	378500.0	3729500.0	8.56E-02	0	8.56E-02	8.56E-02	0.00E+00	
COURSE GRID	379000.0	3729500.0	8.36E-02	0	8.36E-02	8.36E-02	0.00E+00	
COURSE GRID	379500.0	3729500.0	8.68E-02	0	8.68E-02	8.68E-02	0.00E+00	
COURSE GRID	380000.0	3729500.0	9.06E-02	0	9.06E-02	9.06E-02	0.00E+00	
COURSE GRID	380500.0	3729500.0	1.03E-01	0	1.03E-01	1.03E-01	0.00E+00	

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	BASELINE	NEPA BASELINE	
COURSE GRID	381000.0	3729500.0	1.01E-01	0	1.01E-01	1.01E-01	0.00E+00	
COURSE GRID	381500.0	3729500.0	1.19E-01	0	1.19E-01	1.19E-01	0.00E+00	
COURSE GRID	382000.0	3729500.0	1.18E-01	0	1.18E-01	1.18E-01	0.00E+00	
COURSE GRID	382500.0	3729500.0	1.02E-01	0	1.02E-01	1.02E-01	0.00E+00	
COURSE GRID	383000.0	3729500.0	1.06E-01	0	1.06E-01	1.06E-01	0.00E+00	
COURSE GRID	383500.0	3729500.0	1.34E-01	0	1.34E-01	1.34E-01	0.00E+00	
COURSE GRID	384000.0	3729500.0	1.13E-01	0	1.13E-01	1.13E-01	0.00E+00	
COURSE GRID	384500.0	3729500.0	1.22E-01	0	1.22E-01	1.22E-01	0.00E+00	
COURSE GRID	385000.0	3729500.0	1.38E-01	0	1.38E-01	1.38E-01	0.00E+00	
COURSE GRID	385500.0	3729500.0	1.55E-01	0	1.55E-01	1.55E-01	0.00E+00	
COURSE GRID	386000.0	3729500.0	1.33E-01	0	1.33E-01	1.33E-01	0.00E+00	
COURSE GRID	386500.0	3729500.0	1.21E-01	0	1.21E-01	1.21E-01	0.00E+00	
COURSE GRID	387000.0	3729500.0	1.28E-01	0	1.28E-01	1.28E-01	0.00E+00	
COURSE GRID	387500.0	3729500.0	1.49E-01	0	1.49E-01	1.49E-01	0.00E+00	
COURSE GRID	388000.0	3729500.0	1.61E-01	0	1.61E-01	1.61E-01	0.00E+00	
COURSE GRID	388500.0	3729500.0	1.32E-01	0	1.32E-01	1.32E-01	0.00E+00	
COURSE GRID	389000.0	3729500.0	1.22E-01	0	1.22E-01	1.22E-01	0.00E+00	
COURSE GRID	389500.0	3729500.0	1.20E-01	0	1.20E-01	1.20E-01	0.00E+00	
COURSE GRID	390000.0	3729500.0	1.45E-01	0	1.45E-01	1.45E-01	0.00E+00	
COURSE GRID	390500.0	3729500.0	1.26E-01	0	1.26E-01	1.26E-01	0.00E+00	
COURSE GRID	391000.0	3729500.0	1.27E-01	0	1.27E-01	1.27E-01	0.00E+00	
COURSE GRID	391500.0	3729500.0	1.09E-01	0	1.09E-01	1.09E-01	0.00E+00	
COURSE GRID	392000.0	3729500.0	1.06E-01	0	1.06E-01	1.06E-01	0.00E+00	
COURSE GRID	392500.0	3729500.0	9.75E-02	0	9.75E-02	9.75E-02	0.00E+00	
COURSE GRID	393000.0	3729500.0	8.97E-02	0	8.97E-02	8.97E-02	0.00E+00	
COURSE GRID	393500.0	3729500.0	8.50E-02	0	8.50E-02	8.50E-02	0.00E+00	
COURSE GRID	377000.0	3730000.0	7.98E-02	0	7.98E-02	7.98E-02	0.00E+00	
COURSE GRID	377500.0	3730000.0	8.39E-02	0	8.39E-02	8.39E-02	0.00E+00	
COURSE GRID	378000.0	3730000.0	9.99E-02	0	9.99E-02	9.99E-02	0.00E+00	
COURSE GRID	378500.0	3730000.0	1.08E-01	0	1.08E-01	1.08E-01	0.00E+00	
COURSE GRID	379000.0	3730000.0	8.98E-02	0	8.98E-02	8.98E-02	0.00E+00	
COURSE GRID	379500.0	3730000.0	8.57E-02	0	8.57E-02	8.57E-02	0.00E+00	
COURSE GRID	380000.0	3730000.0	9.49E-02	0	9.49E-02	9.49E-02	0.00E+00	
COURSE GRID	380500.0	3730000.0	1.01E-01	0	1.01E-01	1.01E-01	0.00E+00	
COURSE GRID	381000.0	3730000.0	1.01E-01	0	1.01E-01	1.01E-01	0.00E+00	
COURSE GRID	381500.0	3730000.0	1.13E-01	0	1.13E-01	1.13E-01	0.00E+00	
COURSE GRID	382000.0	3730000.0	1.31E-01	0	1.31E-01	1.31E-01	0.00E+00	
COURSE GRID	382500.0	3730000.0	1.09E-01	0	1.09E-01	1.09E-01	0.00E+00	

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	383000.0	3730000.0	1.11E-01	0	1.11E-01	1.11E-01	0.00E+00	
COURSE GRID	383500.0	3730000.0	1.40E-01	0	1.40E-01	1.40E-01	0.00E+00	
COURSE GRID	384000.0	3730000.0	1.17E-01	0	1.17E-01	1.17E-01	0.00E+00	
COURSE GRID	384500.0	3730000.0	1.24E-01	0	1.24E-01	1.24E-01	0.00E+00	
COURSE GRID	385000.0	3730000.0	1.51E-01	0	1.51E-01	1.51E-01	0.00E+00	
COURSE GRID	385500.0	3730000.0	1.33E-01	0	1.33E-01	1.33E-01	0.00E+00	
COURSE GRID	386000.0	3730000.0	1.39E-01	0	1.39E-01	1.39E-01	0.00E+00	
COURSE GRID	386500.0	3730000.0	1.24E-01	0	1.24E-01	1.24E-01	0.00E+00	
COURSE GRID	387000.0	3730000.0	1.43E-01	0	1.43E-01	1.43E-01	0.00E+00	
COURSE GRID	387500.0	3730000.0	1.58E-01	0	1.58E-01	1.58E-01	0.00E+00	
COURSE GRID	388000.0	3730000.0	1.41E-01	0	1.41E-01	1.41E-01	0.00E+00	
COURSE GRID	388500.0	3730000.0	1.21E-01	0	1.21E-01	1.21E-01	0.00E+00	
COURSE GRID	389000.0	3730000.0	1.29E-01	0	1.29E-01	1.29E-01	0.00E+00	
COURSE GRID	389500.0	3730000.0	1.46E-01	0	1.46E-01	1.46E-01	0.00E+00	
COURSE GRID	390000.0	3730000.0	1.41E-01	0	1.41E-01	1.41E-01	0.00E+00	
COURSE GRID	390500.0	3730000.0	1.30E-01	0	1.30E-01	1.30E-01	0.00E+00	
COURSE GRID	391000.0	3730000.0	1.18E-01	0	1.18E-01	1.18E-01	0.00E+00	
COURSE GRID	391500.0	3730000.0	1.15E-01	0	1.15E-01	1.15E-01	0.00E+00	
COURSE GRID	392000.0	3730000.0	9.64E-02	0	9.64E-02	9.64E-02	0.00E+00	
COURSE GRID	392500.0	3730000.0	9.22E-02	0	9.22E-02	9.22E-02	0.00E+00	
COURSE GRID	393000.0	3730000.0	1.03E-01	0	1.03E-01	1.03E-01	0.00E+00	
COURSE GRID	393500.0	3730000.0	1.10E-01	0	1.10E-01	1.10E-01	0.00E+00	
COURSE GRID	377000.0	3730500.0	8.27E-02	0	8.27E-02	8.27E-02	0.00E+00	
COURSE GRID	377500.0	3730500.0	8.47E-02	0	8.47E-02	8.47E-02	0.00E+00	
COURSE GRID	378000.0	3730500.0	8.86E-02	0	8.86E-02	8.86E-02	0.00E+00	
COURSE GRID	378500.0	3730500.0	1.03E-01	0	1.03E-01	1.03E-01	0.00E+00	
COURSE GRID	379000.0	3730500.0	1.14E-01	0	1.14E-01	1.14E-01	0.00E+00	
COURSE GRID	379500.0	3730500.0	9.36E-02	0	9.36E-02	9.36E-02	0.00E+00	
COURSE GRID	380000.0	3730500.0	9.72E-02	0	9.72E-02	9.72E-02	0.00E+00	
COURSE GRID	380500.0	3730500.0	1.03E-01	0	1.03E-01	1.03E-01	0.00E+00	
COURSE GRID	381000.0	3730500.0	1.04E-01	0	1.04E-01	1.04E-01	0.00E+00	
COURSE GRID	381500.0	3730500.0	1.14E-01	0	1.14E-01	1.14E-01	0.00E+00	
COURSE GRID	382000.0	3730500.0	1.48E-01	0	1.48E-01	1.48E-01	0.00E+00	
COURSE GRID	382500.0	3730500.0	1.22E-01	0	1.22E-01	1.22E-01	0.00E+00	
COURSE GRID	383000.0	3730500.0	1.17E-01	0	1.17E-01	1.17E-01	0.00E+00	
COURSE GRID	383500.0	3730500.0	1.43E-01	0	1.43E-01	1.43E-01	0.00E+00	
COURSE GRID	384000.0	3730500.0	1.24E-01	0	1.24E-01	1.24E-01	0.00E+00	
COURSE GRID	384500.0	3730500.0	1.48E-01	0	1.48E-01	1.48E-01	0.00E+00	

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE			
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	385000.0	3730500.0	1.33E-01	0	1.33E-01	1.33E-01	0.00E+00
COURSE GRID	385500.0	3730500.0	1.40E-01	0	1.40E-01	1.40E-01	0.00E+00
COURSE GRID	386000.0	3730500.0	1.40E-01	0	1.40E-01	1.40E-01	0.00E+00
COURSE GRID	386500.0	3730500.0	1.33E-01	0	1.33E-01	1.33E-01	0.00E+00
COURSE GRID	387000.0	3730500.0	1.65E-01	0	1.65E-01	1.65E-01	0.00E+00
COURSE GRID	387500.0	3730500.0	1.56E-01	0	1.56E-01	1.56E-01	0.00E+00
COURSE GRID	388000.0	3730500.0	1.24E-01	0	1.24E-01	1.24E-01	0.00E+00
COURSE GRID	388500.0	3730500.0	1.37E-01	0	1.37E-01	1.37E-01	0.00E+00
COURSE GRID	389000.0	3730500.0	1.38E-01	0	1.38E-01	1.38E-01	0.00E+00
COURSE GRID	389500.0	3730500.0	1.44E-01	0	1.44E-01	1.44E-01	0.00E+00
COURSE GRID	390000.0	3730500.0	1.31E-01	0	1.31E-01	1.31E-01	0.00E+00
COURSE GRID	390500.0	3730500.0	1.39E-01	0	1.39E-01	1.39E-01	0.00E+00
COURSE GRID	391000.0	3730500.0	1.17E-01	0	1.17E-01	1.17E-01	0.00E+00
COURSE GRID	391500.0	3730500.0	1.01E-01	0	1.01E-01	1.01E-01	0.00E+00
COURSE GRID	392000.0	3730500.0	1.11E-01	0	1.11E-01	1.11E-01	0.00E+00
COURSE GRID	392500.0	3730500.0	1.20E-01	0	1.20E-01	1.20E-01	0.00E+00
COURSE GRID	393000.0	3730500.0	1.10E-01	0	1.10E-01	1.10E-01	0.00E+00
COURSE GRID	393500.0	3730500.0	9.14E-02	0	9.14E-02	9.14E-02	0.00E+00
COURSE GRID	377000.0	3731000.0	8.46E-02	0	8.46E-02	8.46E-02	0.00E+00
COURSE GRID	377500.0	3731000.0	8.65E-02	0	8.65E-02	8.65E-02	0.00E+00
COURSE GRID	378000.0	3731000.0	8.93E-02	0	8.93E-02	8.93E-02	0.00E+00
COURSE GRID	378500.0	3731000.0	9.33E-02	0	9.33E-02	9.33E-02	0.00E+00
COURSE GRID	379000.0	3731000.0	1.06E-01	0	1.06E-01	1.06E-01	0.00E+00
COURSE GRID	379500.0	3731000.0	1.27E-01	0	1.27E-01	1.27E-01	0.00E+00
COURSE GRID	380000.0	3731000.0	9.10E-02	0	9.10E-02	9.10E-02	0.00E+00
COURSE GRID	380500.0	3731000.0	1.10E-01	0	1.10E-01	1.10E-01	0.00E+00
COURSE GRID	381000.0	3731000.0	1.18E-01	0	1.18E-01	1.18E-01	0.00E+00
COURSE GRID	381500.0	3731000.0	1.15E-01	0	1.15E-01	1.15E-01	0.00E+00
COURSE GRID	382000.0	3731000.0	1.44E-01	0	1.44E-01	1.44E-01	0.00E+00
COURSE GRID	382500.0	3731000.0	1.29E-01	0	1.29E-01	1.29E-01	0.00E+00
COURSE GRID	383000.0	3731000.0	1.30E-01	0	1.30E-01	1.30E-01	0.00E+00
COURSE GRID	383500.0	3731000.0	1.46E-01	0	1.46E-01	1.46E-01	0.00E+00
COURSE GRID	384000.0	3731000.0	1.58E-01	0	1.58E-01	1.58E-01	0.00E+00
COURSE GRID	384500.0	3731000.0	1.43E-01	0	1.43E-01	1.43E-01	0.00E+00
COURSE GRID	385000.0	3731000.0	1.38E-01	0	1.38E-01	1.38E-01	0.00E+00
COURSE GRID	385500.0	3731000.0	1.46E-01	0	1.46E-01	1.46E-01	0.00E+00
COURSE GRID	386000.0	3731000.0	1.35E-01	0	1.35E-01	1.35E-01	0.00E+00
COURSE GRID	386500.0	3731000.0	1.73E-01	0	1.73E-01	1.73E-01	0.00E+00

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	387000.0	3731000.0	1.80E-01	0	1.80E-01	1.80E-01	0.00E+00	
COURSE GRID	387500.0	3731000.0	1.38E-01	0	1.38E-01	1.38E-01	0.00E+00	
COURSE GRID	388000.0	3731000.0	1.32E-01	0	1.32E-01	1.32E-01	0.00E+00	
COURSE GRID	388500.0	3731000.0	1.29E-01	0	1.29E-01	1.29E-01	0.00E+00	
COURSE GRID	389000.0	3731000.0	1.38E-01	0	1.38E-01	1.38E-01	0.00E+00	
COURSE GRID	389500.0	3731000.0	1.50E-01	0	1.50E-01	1.50E-01	0.00E+00	
COURSE GRID	390000.0	3731000.0	1.54E-01	0	1.54E-01	1.54E-01	0.00E+00	
COURSE GRID	390500.0	3731000.0	1.19E-01	0	1.19E-01	1.19E-01	0.00E+00	
COURSE GRID	391000.0	3731000.0	1.25E-01	0	1.25E-01	1.25E-01	0.00E+00	
COURSE GRID	391500.0	3731000.0	1.30E-01	0	1.30E-01	1.30E-01	0.00E+00	
COURSE GRID	392000.0	3731000.0	1.22E-01	0	1.22E-01	1.22E-01	0.00E+00	
COURSE GRID	392500.0	3731000.0	9.93E-02	0	9.93E-02	9.93E-02	0.00E+00	
COURSE GRID	393000.0	3731000.0	9.30E-02	0	9.30E-02	9.30E-02	0.00E+00	
COURSE GRID	393500.0	3731000.0	9.00E-02	0	9.00E-02	9.00E-02	0.00E+00	
COURSE GRID	377000.0	3731500.0	8.55E-02	0	8.55E-02	8.55E-02	0.00E+00	
COURSE GRID	377500.0	3731500.0	8.83E-02	0	8.83E-02	8.83E-02	0.00E+00	
COURSE GRID	378000.0	3731500.0	9.56E-02	0	9.56E-02	9.56E-02	0.00E+00	
COURSE GRID	378500.0	3731500.0	1.01E-01	0	1.01E-01	1.01E-01	0.00E+00	
COURSE GRID	379000.0	3731500.0	8.83E-02	0	8.83E-02	8.83E-02	0.00E+00	
COURSE GRID	379500.0	3731500.0	1.10E-01	0	1.10E-01	1.10E-01	0.00E+00	
COURSE GRID	380000.0	3731500.0	1.30E-01	0	1.30E-01	1.30E-01	0.00E+00	
COURSE GRID	380500.0	3731500.0	1.16E-01	0	1.16E-01	1.16E-01	0.00E+00	
COURSE GRID	381000.0	3731500.0	1.14E-01	0	1.14E-01	1.14E-01	0.00E+00	
COURSE GRID	381500.0	3731500.0	1.22E-01	0	1.22E-01	1.22E-01	0.00E+00	
COURSE GRID	382000.0	3731500.0	1.46E-01	0	1.46E-01	1.46E-01	0.00E+00	
COURSE GRID	382500.0	3731500.0	1.51E-01	0	1.51E-01	1.51E-01	0.00E+00	
COURSE GRID	383000.0	3731500.0	1.40E-01	0	1.40E-01	1.40E-01	0.00E+00	
COURSE GRID	384500.0	3731500.0	1.44E-01	0	1.44E-01	1.44E-01	0.00E+00	
COURSE GRID	385000.0	3731500.0	1.48E-01	0	1.48E-01	1.48E-01	0.00E+00	
COURSE GRID	385500.0	3731500.0	1.57E-01	0	1.57E-01	1.57E-01	0.00E+00	
COURSE GRID	386000.0	3731500.0	1.70E-01	0	1.70E-01	1.70E-01	0.00E+00	
COURSE GRID	386500.0	3731500.0	2.07E-01	0	2.07E-01	2.07E-01	0.00E+00	
COURSE GRID	387000.0	3731500.0	1.32E-01	0	1.32E-01	1.32E-01	0.00E+00	
COURSE GRID	387500.0	3731500.0	1.39E-01	0	1.39E-01	1.39E-01	0.00E+00	
COURSE GRID	388000.0	3731500.0	1.29E-01	0	1.29E-01	1.29E-01	0.00E+00	
COURSE GRID	388500.0	3731500.0	1.37E-01	0	1.37E-01	1.37E-01	0.00E+00	
COURSE GRID	389000.0	3731500.0	1.52E-01	0	1.52E-01	1.52E-01	0.00E+00	
COURSE GRID	389500.0	3731500.0	1.46E-01	0	1.46E-01	1.46E-01	0.00E+00	

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	390000.0	3731500.0	1.57E-01	0	1.57E-01	1.57E-01	0.00E+00	
COURSE GRID	390500.0	3731500.0	1.50E-01	0	1.50E-01	1.50E-01	0.00E+00	
COURSE GRID	391000.0	3731500.0	1.31E-01	0	1.31E-01	1.31E-01	0.00E+00	
COURSE GRID	391500.0	3731500.0	1.14E-01	0	1.14E-01	1.14E-01	0.00E+00	
COURSE GRID	392000.0	3731500.0	1.06E-01	0	1.06E-01	1.06E-01	0.00E+00	
COURSE GRID	392500.0	3731500.0	1.01E-01	0	1.01E-01	1.01E-01	0.00E+00	
COURSE GRID	393000.0	3731500.0	9.43E-02	0	9.43E-02	9.43E-02	0.00E+00	
COURSE GRID	393500.0	3731500.0	9.34E-02	0	9.34E-02	9.34E-02	0.00E+00	
COURSE GRID	377000.0	3732000.0	1.01E-01	0	1.01E-01	1.01E-01	0.00E+00	
COURSE GRID	377500.0	3732000.0	9.83E-02	0	9.83E-02	9.83E-02	0.00E+00	
COURSE GRID	378000.0	3732000.0	8.87E-02	0	8.87E-02	8.87E-02	0.00E+00	
COURSE GRID	378500.0	3732000.0	8.07E-02	0	8.07E-02	8.07E-02	0.00E+00	
COURSE GRID	379000.0	3732000.0	8.84E-02	0	8.84E-02	8.84E-02	0.00E+00	
COURSE GRID	379500.0	3732000.0	1.05E-01	0	1.05E-01	1.05E-01	0.00E+00	
COURSE GRID	380000.0	3732000.0	1.15E-01	0	1.15E-01	1.15E-01	0.00E+00	
COURSE GRID	380500.0	3732000.0	1.45E-01	0	1.45E-01	1.45E-01	0.00E+00	
COURSE GRID	381000.0	3732000.0	1.27E-01	0	1.27E-01	1.27E-01	0.00E+00	
COURSE GRID	381500.0	3732000.0	1.30E-01	0	1.30E-01	1.30E-01	0.00E+00	
COURSE GRID	382000.0	3732000.0	1.46E-01	0	1.46E-01	1.46E-01	0.00E+00	
COURSE GRID	382500.0	3732000.0	1.78E-01	0	1.78E-01	1.78E-01	0.00E+00	
COURSE GRID	383000.0	3732000.0	1.56E-01	0	1.56E-01	1.56E-01	0.00E+00	
COURSE GRID	383500.0	3732000.0	1.99E-01	0	1.99E-01	1.99E-01	0.00E+00	
COURSE GRID	384000.0	3732000.0	1.47E-01	0	1.47E-01	1.47E-01	0.00E+00	
COURSE GRID	384500.0	3732000.0	1.50E-01	0	1.50E-01	1.50E-01	0.00E+00	
COURSE GRID	385000.0	3732000.0	1.47E-01	0	1.47E-01	1.47E-01	0.00E+00	
COURSE GRID	385500.0	3732000.0	1.64E-01	0	1.64E-01	1.64E-01	0.00E+00	
COURSE GRID	386000.0	3732000.0	2.05E-01	0	2.05E-01	2.05E-01	0.00E+00	
COURSE GRID	386500.0	3732000.0	1.39E-01	0	1.39E-01	1.39E-01	0.00E+00	
COURSE GRID	387000.0	3732000.0	1.47E-01	0	1.47E-01	1.47E-01	0.00E+00	
COURSE GRID	387500.0	3732000.0	1.44E-01	0	1.44E-01	1.44E-01	0.00E+00	
COURSE GRID	388000.0	3732000.0	1.44E-01	0	1.44E-01	1.44E-01	0.00E+00	
COURSE GRID	388500.0	3732000.0	1.53E-01	0	1.53E-01	1.53E-01	0.00E+00	
COURSE GRID	389000.0	3732000.0	1.63E-01	0	1.63E-01	1.63E-01	0.00E+00	
COURSE GRID	389500.0	3732000.0	1.78E-01	0	1.78E-01	1.78E-01	0.00E+00	
COURSE GRID	390000.0	3732000.0	1.51E-01	0	1.51E-01	1.51E-01	0.00E+00	
COURSE GRID	390500.0	3732000.0	1.28E-01	0	1.28E-01	1.28E-01	0.00E+00	
COURSE GRID	391000.0	3732000.0	1.20E-01	0	1.20E-01	1.20E-01	0.00E+00	
COURSE GRID	391500.0	3732000.0	1.13E-01	0	1.13E-01	1.13E-01	0.00E+00	

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	392000.0	3732000.0	1.04E-01	0	1.04E-01	1.04E-01	0.00E+00	
COURSE GRID	392500.0	3732000.0	9.82E-02	0	9.82E-02	9.82E-02	0.00E+00	
COURSE GRID	393000.0	3732000.0	9.88E-02	0	9.88E-02	9.88E-02	0.00E+00	
COURSE GRID	393500.0	3732000.0	9.29E-02	0	9.29E-02	9.29E-02	0.00E+00	
COURSE GRID	377000.0	3732500.0	8.54E-02	0	8.54E-02	8.54E-02	0.00E+00	
COURSE GRID	377500.0	3732500.0	7.83E-02	0	7.83E-02	7.83E-02	0.00E+00	
COURSE GRID	378000.0	3732500.0	7.73E-02	0	7.73E-02	7.73E-02	0.00E+00	
COURSE GRID	378500.0	3732500.0	7.92E-02	0	7.92E-02	7.92E-02	0.00E+00	
COURSE GRID	379000.0	3732500.0	9.31E-02	0	9.31E-02	9.31E-02	0.00E+00	
COURSE GRID	379500.0	3732500.0	1.10E-01	0	1.10E-01	1.10E-01	0.00E+00	
COURSE GRID	380000.0	3732500.0	1.34E-01	0	1.34E-01	1.34E-01	0.00E+00	
COURSE GRID	380500.0	3732500.0	1.44E-01	0	1.44E-01	1.44E-01	0.00E+00	
COURSE GRID	381000.0	3732500.0	1.65E-01	0	1.65E-01	1.65E-01	0.00E+00	
COURSE GRID	381500.0	3732500.0	1.49E-01	0	1.49E-01	1.49E-01	0.00E+00	
COURSE GRID	382000.0	3732500.0	1.58E-01	0	1.58E-01	1.58E-01	0.00E+00	
COURSE GRID	382500.0	3732500.0	1.87E-01	0	1.87E-01	1.87E-01	0.00E+00	
COURSE GRID	383000.0	3732500.0	2.02E-01	0	2.02E-01	2.02E-01	0.00E+00	
COURSE GRID	383500.0	3732500.0	1.73E-01	0	1.73E-01	1.73E-01	0.00E+00	
COURSE GRID	384000.0	3732500.0	1.60E-01	0	1.60E-01	1.60E-01	0.00E+00	
COURSE GRID	384500.0	3732500.0	1.73E-01	0	1.73E-01	1.73E-01	0.00E+00	
COURSE GRID	385000.0	3732500.0	1.62E-01	0	1.62E-01	1.62E-01	0.00E+00	
COURSE GRID	385500.0	3732500.0	1.98E-01	0	1.98E-01	1.98E-01	0.00E+00	
COURSE GRID	386000.0	3732500.0	1.52E-01	0	1.52E-01	1.52E-01	0.00E+00	
COURSE GRID	386500.0	3732500.0	1.60E-01	0	1.60E-01	1.60E-01	0.00E+00	
COURSE GRID	387000.0	3732500.0	1.56E-01	0	1.56E-01	1.56E-01	0.00E+00	
COURSE GRID	387500.0	3732500.0	1.61E-01	0	1.61E-01	1.61E-01	0.00E+00	
COURSE GRID	388000.0	3732500.0	1.48E-01	0	1.48E-01	1.48E-01	0.00E+00	
COURSE GRID	388500.0	3732500.0	1.80E-01	0	1.80E-01	1.80E-01	0.00E+00	
COURSE GRID	389000.0	3732500.0	1.73E-01	0	1.73E-01	1.73E-01	0.00E+00	
COURSE GRID	389500.0	3732500.0	1.44E-01	0	1.44E-01	1.44E-01	0.00E+00	
COURSE GRID	390000.0	3732500.0	1.41E-01	0	1.41E-01	1.41E-01	0.00E+00	
COURSE GRID	390500.0	3732500.0	1.31E-01	0	1.31E-01	1.31E-01	0.00E+00	
COURSE GRID	391000.0	3732500.0	1.20E-01	0	1.20E-01	1.20E-01	0.00E+00	
COURSE GRID	391500.0	3732500.0	1.14E-01	0	1.14E-01	1.14E-01	0.00E+00	
COURSE GRID	392000.0	3732500.0	1.09E-01	0	1.09E-01	1.09E-01	0.00E+00	
COURSE GRID	392500.0	3732500.0	1.09E-01	0	1.09E-01	1.09E-01	0.00E+00	
COURSE GRID	393000.0	3732500.0	9.95E-02	0	9.95E-02	9.95E-02	0.00E+00	
COURSE GRID	393500.0	3732500.0	9.52E-02	0	9.52E-02	9.52E-02	0.00E+00	

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE			
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	377000.0	3733000.0	6.91E-02	0	6.91E-02	6.91E-02	0.00E+00
COURSE GRID	377500.0	3733000.0	6.85E-02	0	6.85E-02	6.85E-02	0.00E+00
COURSE GRID	378000.0	3733000.0	7.20E-02	0	7.20E-02	7.20E-02	0.00E+00
COURSE GRID	378500.0	3733000.0	8.79E-02	0	8.79E-02	8.79E-02	0.00E+00
COURSE GRID	379000.0	3733000.0	1.06E-01	0	1.06E-01	1.06E-01	0.00E+00
COURSE GRID	379500.0	3733000.0	1.24E-01	0	1.24E-01	1.24E-01	0.00E+00
COURSE GRID	380000.0	3733000.0	1.39E-01	0	1.39E-01	1.39E-01	0.00E+00
COURSE GRID	380500.0	3733000.0	1.54E-01	0	1.54E-01	1.54E-01	0.00E+00
COURSE GRID	381000.0	3733000.0	1.75E-01	0	1.75E-01	1.75E-01	0.00E+00
COURSE GRID	381500.0	3733000.0	2.03E-01	0	2.03E-01	2.03E-01	0.00E+00
COURSE GRID	382000.0	3733000.0	2.00E-01	0	2.00E-01	2.00E-01	0.00E+00
COURSE GRID	382500.0	3733000.0	2.15E-01	0	2.15E-01	2.15E-01	0.00E+00
COURSE GRID	383000.0	3733000.0	1.94E-01	0	1.94E-01	1.94E-01	0.00E+00
COURSE GRID	383500.0	3733000.0	1.97E-01	0	1.97E-01	1.97E-01	0.00E+00
COURSE GRID	384000.0	3733000.0	1.75E-01	0	1.75E-01	1.75E-01	0.00E+00
COURSE GRID	384500.0	3733000.0	1.66E-01	0	1.66E-01	1.66E-01	0.00E+00
COURSE GRID	385000.0	3733000.0	2.05E-01	0	2.05E-01	2.05E-01	0.00E+00
COURSE GRID	385500.0	3733000.0	1.69E-01	0	1.69E-01	1.69E-01	0.00E+00
COURSE GRID	386000.0	3733000.0	1.66E-01	0	1.66E-01	1.66E-01	0.00E+00
COURSE GRID	386500.0	3733000.0	1.62E-01	0	1.62E-01	1.62E-01	0.00E+00
COURSE GRID	387000.0	3733000.0	1.57E-01	0	1.57E-01	1.57E-01	0.00E+00
COURSE GRID	387500.0	3733000.0	1.85E-01	0	1.85E-01	1.85E-01	0.00E+00
COURSE GRID	388000.0	3733000.0	1.66E-01	0	1.66E-01	1.66E-01	0.00E+00
COURSE GRID	388500.0	3733000.0	1.58E-01	0	1.58E-01	1.58E-01	0.00E+00
COURSE GRID	389000.0	3733000.0	1.45E-01	0	1.45E-01	1.45E-01	0.00E+00
COURSE GRID	389500.0	3733000.0	1.52E-01	0	1.52E-01	1.52E-01	0.00E+00
COURSE GRID	390000.0	3733000.0	1.42E-01	0	1.42E-01	1.42E-01	0.00E+00
COURSE GRID	390500.0	3733000.0	1.40E-01	0	1.40E-01	1.40E-01	0.00E+00
COURSE GRID	391000.0	3733000.0	1.24E-01	0	1.24E-01	1.24E-01	0.00E+00
COURSE GRID	391500.0	3733000.0	1.14E-01	0	1.14E-01	1.14E-01	0.00E+00
COURSE GRID	392000.0	3733000.0	1.16E-01	0	1.16E-01	1.16E-01	0.00E+00
COURSE GRID	392500.0	3733000.0	1.09E-01	0	1.09E-01	1.09E-01	0.00E+00
COURSE GRID	393000.0	3733000.0	9.95E-02	0	9.95E-02	9.95E-02	0.00E+00
COURSE GRID	393500.0	3733000.0	9.01E-02	0	9.01E-02	9.01E-02	0.00E+00
COURSE GRID	377000.0	3733500.0	6.03E-02	0	6.03E-02	6.03E-02	0.00E+00
COURSE GRID	377500.0	3733500.0	6.28E-02	0	6.28E-02	6.28E-02	0.00E+00
COURSE GRID	378000.0	3733500.0	7.86E-02	0	7.86E-02	7.86E-02	0.00E+00
COURSE GRID	378500.0	3733500.0	8.89E-02	0	8.89E-02	8.89E-02	0.00E+00

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	379000.0	3733500.0	1.14E-01	0	1.14E-01	1.14E-01	0.00E+00	
COURSE GRID	379500.0	3733500.0	1.39E-01	0	1.39E-01	1.39E-01	0.00E+00	
COURSE GRID	380000.0	3733500.0	1.42E-01	0	1.42E-01	1.42E-01	0.00E+00	
COURSE GRID	380500.0	3733500.0	1.65E-01	0	1.65E-01	1.65E-01	0.00E+00	
COURSE GRID	381000.0	3733500.0	2.04E-01	0	2.04E-01	2.04E-01	0.00E+00	
COURSE GRID	381500.0	3733500.0	2.77E-01	0	2.77E-01	2.77E-01	0.00E+00	
COURSE GRID	382500.0	3733500.0	2.98E-01	0	2.98E-01	2.98E-01	0.00E+00	
COURSE GRID	383000.0	3733500.0	2.23E-01	0	2.23E-01	2.23E-01	0.00E+00	
COURSE GRID	383500.0	3733500.0	1.93E-01	0	1.93E-01	1.93E-01	0.00E+00	
COURSE GRID	384000.0	3733500.0	1.92E-01	0	1.92E-01	1.92E-01	0.00E+00	
COURSE GRID	384500.0	3733500.0	1.79E-01	0	1.79E-01	1.79E-01	0.00E+00	
COURSE GRID	385000.0	3733500.0	2.08E-01	0	2.08E-01	2.08E-01	0.00E+00	
COURSE GRID	385500.0	3733500.0	1.65E-01	0	1.65E-01	1.65E-01	0.00E+00	
COURSE GRID	386000.0	3733500.0	1.76E-01	0	1.76E-01	1.76E-01	0.00E+00	
COURSE GRID	386500.0	3733500.0	1.95E-01	0	1.95E-01	1.95E-01	0.00E+00	
COURSE GRID	387000.0	3733500.0	1.74E-01	0	1.74E-01	1.74E-01	0.00E+00	
COURSE GRID	387500.0	3733500.0	1.53E-01	0	1.53E-01	1.53E-01	0.00E+00	
COURSE GRID	388000.0	3733500.0	1.56E-01	0	1.56E-01	1.56E-01	0.00E+00	
COURSE GRID	388500.0	3733500.0	1.68E-01	0	1.68E-01	1.68E-01	0.00E+00	
COURSE GRID	389000.0	3733500.0	1.70E-01	0	1.70E-01	1.70E-01	0.00E+00	
COURSE GRID	389500.0	3733500.0	1.52E-01	0	1.52E-01	1.52E-01	0.00E+00	
COURSE GRID	390000.0	3733500.0	1.47E-01	0	1.47E-01	1.47E-01	0.00E+00	
COURSE GRID	390500.0	3733500.0	1.38E-01	0	1.38E-01	1.38E-01	0.00E+00	
COURSE GRID	391000.0	3733500.0	1.24E-01	0	1.24E-01	1.24E-01	0.00E+00	
COURSE GRID	391500.0	3733500.0	1.16E-01	0	1.16E-01	1.16E-01	0.00E+00	
COURSE GRID	392000.0	3733500.0	1.03E-01	0	1.03E-01	1.03E-01	0.00E+00	
COURSE GRID	392500.0	3733500.0	9.35E-02	0	9.35E-02	9.35E-02	0.00E+00	
COURSE GRID	393000.0	3733500.0	8.98E-02	0	8.98E-02	8.98E-02	0.00E+00	
COURSE GRID	393500.0	3733500.0	8.64E-02	0	8.64E-02	8.64E-02	0.00E+00	
COURSE GRID	377000.0	3734000.0	5.99E-02	0	5.99E-02	5.99E-02	0.00E+00	
COURSE GRID	377500.0	3734000.0	6.25E-02	0	6.25E-02	6.25E-02	0.00E+00	
COURSE GRID	378000.0	3734000.0	7.48E-02	0	7.48E-02	7.48E-02	0.00E+00	
COURSE GRID	378500.0	3734000.0	9.17E-02	0	9.17E-02	9.17E-02	0.00E+00	
COURSE GRID	379000.0	3734000.0	1.12E-01	0	1.12E-01	1.12E-01	0.00E+00	
COURSE GRID	379500.0	3734000.0	1.29E-01	0	1.29E-01	1.29E-01	0.00E+00	
COURSE GRID	380000.0	3734000.0	1.44E-01	0	1.44E-01	1.44E-01	0.00E+00	
COURSE GRID	380500.0	3734000.0	1.66E-01	0	1.66E-01	1.66E-01	0.00E+00	
COURSE GRID	381000.0	3734000.0	1.86E-01	0	1.86E-01	1.86E-01	0.00E+00	

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	381500.0	3734000.0	2.48E-01	0	2.48E-01	2.48E-01	0.00E+00	
COURSE GRID	382000.0	3734000.0	4.49E-01	0	4.49E-01	4.49E-01	0.00E+00	
COURSE GRID	382500.0	3734000.0	2.82E-01	0	2.82E-01	2.82E-01	0.00E+00	
COURSE GRID	383000.0	3734000.0	2.16E-01	0	2.16E-01	2.16E-01	0.00E+00	
COURSE GRID	383500.0	3734000.0	2.02E-01	0	2.02E-01	2.02E-01	0.00E+00	
COURSE GRID	384000.0	3734000.0	2.14E-01	0	2.14E-01	2.14E-01	0.00E+00	
COURSE GRID	384500.0	3734000.0	2.62E-01	0	2.62E-01	2.62E-01	0.00E+00	
COURSE GRID	385000.0	3734000.0	1.79E-01	0	1.79E-01	1.79E-01	0.00E+00	
COURSE GRID	385500.0	3734000.0	1.98E-01	0	1.98E-01	1.98E-01	0.00E+00	
COURSE GRID	386000.0	3734000.0	1.75E-01	0	1.75E-01	1.75E-01	0.00E+00	
COURSE GRID	386500.0	3734000.0	1.74E-01	0	1.74E-01	1.74E-01	0.00E+00	
COURSE GRID	387000.0	3734000.0	1.72E-01	0	1.72E-01	1.72E-01	0.00E+00	
COURSE GRID	387500.0	3734000.0	1.70E-01	0	1.70E-01	1.70E-01	0.00E+00	
COURSE GRID	388000.0	3734000.0	1.73E-01	0	1.73E-01	1.73E-01	0.00E+00	
COURSE GRID	388500.0	3734000.0	1.73E-01	0	1.73E-01	1.73E-01	0.00E+00	
COURSE GRID	389000.0	3734000.0	1.67E-01	0	1.67E-01	1.67E-01	0.00E+00	
COURSE GRID	389500.0	3734000.0	1.47E-01	0	1.47E-01	1.47E-01	0.00E+00	
COURSE GRID	390000.0	3734000.0	1.41E-01	0	1.41E-01	1.41E-01	0.00E+00	
COURSE GRID	390500.0	3734000.0	1.34E-01	0	1.34E-01	1.34E-01	0.00E+00	
COURSE GRID	391000.0	3734000.0	1.20E-01	0	1.20E-01	1.20E-01	0.00E+00	
COURSE GRID	391500.0	3734000.0	1.12E-01	0	1.12E-01	1.12E-01	0.00E+00	
COURSE GRID	392000.0	3734000.0	1.03E-01	0	1.03E-01	1.03E-01	0.00E+00	
COURSE GRID	392500.0	3734000.0	9.71E-02	0	9.71E-02	9.71E-02	0.00E+00	
COURSE GRID	393000.0	3734000.0	9.14E-02	0	9.14E-02	9.14E-02	0.00E+00	
COURSE GRID	393500.0	3734000.0	8.84E-02	0	8.84E-02	8.84E-02	0.00E+00	
COURSE GRID	377000.0	3734500.0	4.80E-02	0	4.80E-02	4.80E-02	0.00E+00	
COURSE GRID	377500.0	3734500.0	5.94E-02	0	5.94E-02	5.94E-02	0.00E+00	
COURSE GRID	378000.0	3734500.0	7.06E-02	0	7.06E-02	7.06E-02	0.00E+00	
COURSE GRID	378500.0	3734500.0	7.97E-02	0	7.97E-02	7.97E-02	0.00E+00	
COURSE GRID	379000.0	3734500.0	8.94E-02	0	8.94E-02	8.94E-02	0.00E+00	
COURSE GRID	379500.0	3734500.0	1.09E-01	0	1.09E-01	1.09E-01	0.00E+00	
COURSE GRID	380000.0	3734500.0	1.40E-01	0	1.40E-01	1.40E-01	0.00E+00	
COURSE GRID	380500.0	3734500.0	1.58E-01	0	1.58E-01	1.58E-01	0.00E+00	
COURSE GRID	381000.0	3734500.0	1.82E-01	0	1.82E-01	1.82E-01	0.00E+00	
COURSE GRID	381500.0	3734500.0	2.02E-01	0	2.02E-01	2.02E-01	0.00E+00	
COURSE GRID	382000.0	3734500.0	2.29E-01	0	2.29E-01	2.29E-01	0.00E+00	
COURSE GRID	382500.0	3734500.0	2.73E-01	0	2.73E-01	2.73E-01	0.00E+00	
COURSE GRID	383000.0	3734500.0	2.39E-01	0	2.39E-01	2.39E-01	0.00E+00	

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	383500.0	3734500.0	2.40E-01	0	2.40E-01	2.40E-01	0.00E+00	
COURSE GRID	384000.0	3734500.0	2.52E-01	0	2.52E-01	2.52E-01	0.00E+00	
COURSE GRID	384500.0	3734500.0	2.07E-01	0	2.07E-01	2.07E-01	0.00E+00	
COURSE GRID	385000.0	3734500.0	1.87E-01	0	1.87E-01	1.87E-01	0.00E+00	
COURSE GRID	385500.0	3734500.0	1.74E-01	0	1.74E-01	1.74E-01	0.00E+00	
COURSE GRID	386000.0	3734500.0	1.77E-01	0	1.77E-01	1.77E-01	0.00E+00	
COURSE GRID	386500.0	3734500.0	1.74E-01	0	1.74E-01	1.74E-01	0.00E+00	
COURSE GRID	387000.0	3734500.0	1.77E-01	0	1.77E-01	1.77E-01	0.00E+00	
COURSE GRID	387500.0	3734500.0	1.70E-01	0	1.70E-01	1.70E-01	0.00E+00	
COURSE GRID	388000.0	3734500.0	1.78E-01	0	1.78E-01	1.78E-01	0.00E+00	
COURSE GRID	388500.0	3734500.0	1.66E-01	0	1.66E-01	1.66E-01	0.00E+00	
COURSE GRID	389000.0	3734500.0	1.54E-01	0	1.54E-01	1.54E-01	0.00E+00	
COURSE GRID	389500.0	3734500.0	1.40E-01	0	1.40E-01	1.40E-01	0.00E+00	
COURSE GRID	390000.0	3734500.0	1.32E-01	0	1.32E-01	1.32E-01	0.00E+00	
COURSE GRID	390500.0	3734500.0	1.27E-01	0	1.27E-01	1.27E-01	0.00E+00	
COURSE GRID	391000.0	3734500.0	1.18E-01	0	1.18E-01	1.18E-01	0.00E+00	
COURSE GRID	391500.0	3734500.0	1.04E-01	0	1.04E-01	1.04E-01	0.00E+00	
COURSE GRID	392000.0	3734500.0	9.78E-02	0	9.78E-02	9.78E-02	0.00E+00	
COURSE GRID	392500.0	3734500.0	9.29E-02	0	9.29E-02	9.29E-02	0.00E+00	
COURSE GRID	393000.0	3734500.0	8.78E-02	0	8.78E-02	8.78E-02	0.00E+00	
COURSE GRID	393500.0	3734500.0	8.56E-02	0	8.56E-02	8.56E-02	0.00E+00	
COURSE GRID	377000.0	3735000.0	5.63E-02	0	5.63E-02	5.63E-02	0.00E+00	
COURSE GRID	377500.0	3735000.0	6.38E-02	0	6.38E-02	6.38E-02	0.00E+00	
COURSE GRID	378000.0	3735000.0	7.08E-02	0	7.08E-02	7.08E-02	0.00E+00	
COURSE GRID	378500.0	3735000.0	7.92E-02	0	7.92E-02	7.92E-02	0.00E+00	
COURSE GRID	379000.0	3735000.0	9.30E-02	0	9.30E-02	9.30E-02	0.00E+00	
COURSE GRID	379500.0	3735000.0	1.22E-01	0	1.22E-01	1.22E-01	0.00E+00	
COURSE GRID	380000.0	3735000.0	1.35E-01	0	1.35E-01	1.35E-01	0.00E+00	
COURSE GRID	380500.0	3735000.0	1.41E-01	0	1.41E-01	1.41E-01	0.00E+00	
COURSE GRID	381000.0	3735000.0	1.63E-01	0	1.63E-01	1.63E-01	0.00E+00	
COURSE GRID	381500.0	3735000.0	1.76E-01	0	1.76E-01	1.76E-01	0.00E+00	
COURSE GRID	382000.0	3735000.0	2.09E-01	0	2.09E-01	2.09E-01	0.00E+00	
COURSE GRID	382500.0	3735000.0	2.42E-01	0	2.42E-01	2.42E-01	0.00E+00	
COURSE GRID	383000.0	3735000.0	2.71E-01	0	2.71E-01	2.71E-01	0.00E+00	
COURSE GRID	384000.0	3735000.0	2.93E-01	0	2.93E-01	2.93E-01	0.00E+00	
COURSE GRID	384500.0	3735000.0	2.18E-01	0	2.18E-01	2.18E-01	0.00E+00	
COURSE GRID	385000.0	3735000.0	1.98E-01	0	1.98E-01	1.98E-01	0.00E+00	
COURSE GRID	385500.0	3735000.0	1.80E-01	0	1.80E-01	1.80E-01	0.00E+00	

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	386000.0	3735000.0	1.87E-01	0	1.87E-01	1.87E-01	0.00E+00	
COURSE GRID	386500.0	3735000.0	1.84E-01	0	1.84E-01	1.84E-01	0.00E+00	
COURSE GRID	387000.0	3735000.0	1.90E-01	0	1.90E-01	1.90E-01	0.00E+00	
COURSE GRID	387500.0	3735000.0	1.82E-01	0	1.82E-01	1.82E-01	0.00E+00	
COURSE GRID	388000.0	3735000.0	1.87E-01	0	1.87E-01	1.87E-01	0.00E+00	
COURSE GRID	388500.0	3735000.0	1.71E-01	0	1.71E-01	1.71E-01	0.00E+00	
COURSE GRID	389000.0	3735000.0	1.50E-01	0	1.50E-01	1.50E-01	0.00E+00	
COURSE GRID	389500.0	3735000.0	1.38E-01	0	1.38E-01	1.38E-01	0.00E+00	
COURSE GRID	390000.0	3735000.0	1.29E-01	0	1.29E-01	1.29E-01	0.00E+00	
COURSE GRID	390500.0	3735000.0	1.26E-01	0	1.26E-01	1.26E-01	0.00E+00	
COURSE GRID	391000.0	3735000.0	1.14E-01	0	1.14E-01	1.14E-01	0.00E+00	
COURSE GRID	391500.0	3735000.0	1.03E-01	0	1.03E-01	1.03E-01	0.00E+00	
COURSE GRID	392000.0	3735000.0	9.62E-02	0	9.62E-02	9.62E-02	0.00E+00	
COURSE GRID	392500.0	3735000.0	9.22E-02	0	9.22E-02	9.22E-02	0.00E+00	
COURSE GRID	393000.0	3735000.0	9.05E-02	0	9.05E-02	9.05E-02	0.00E+00	
COURSE GRID	393500.0	3735000.0	8.50E-02	0	8.50E-02	8.50E-02	0.00E+00	
COURSE GRID	377000.0	3735500.0	5.93E-02	0	5.93E-02	5.93E-02	0.00E+00	
COURSE GRID	377500.0	3735500.0	6.20E-02	0	6.20E-02	6.20E-02	0.00E+00	
COURSE GRID	378000.0	3735500.0	7.12E-02	0	7.12E-02	7.12E-02	0.00E+00	
COURSE GRID	378500.0	3735500.0	8.00E-02	0	8.00E-02	8.00E-02	0.00E+00	
COURSE GRID	379000.0	3735500.0	9.81E-02	0	9.81E-02	9.81E-02	0.00E+00	
COURSE GRID	379500.0	3735500.0	1.10E-01	0	1.10E-01	1.10E-01	0.00E+00	
COURSE GRID	380000.0	3735500.0	1.10E-01	0	1.10E-01	1.10E-01	0.00E+00	
COURSE GRID	380500.0	3735500.0	1.27E-01	0	1.27E-01	1.27E-01	0.00E+00	
COURSE GRID	381000.0	3735500.0	1.41E-01	0	1.41E-01	1.41E-01	0.00E+00	
COURSE GRID	381500.0	3735500.0	1.54E-01	0	1.54E-01	1.54E-01	0.00E+00	
COURSE GRID	382000.0	3735500.0	1.76E-01	0	1.76E-01	1.76E-01	0.00E+00	
COURSE GRID	382500.0	3735500.0	2.09E-01	0	2.09E-01	2.09E-01	0.00E+00	
COURSE GRID	383000.0	3735500.0	2.49E-01	0	2.49E-01	2.49E-01	0.00E+00	
COURSE GRID	383500.0	3735500.0	2.80E-01	0	2.80E-01	2.80E-01	0.00E+00	
COURSE GRID	384000.0	3735500.0	2.61E-01	0	2.61E-01	2.61E-01	0.00E+00	
COURSE GRID	384500.0	3735500.0	2.13E-01	0	2.13E-01	2.13E-01	0.00E+00	
COURSE GRID	385000.0	3735500.0	1.88E-01	0	1.88E-01	1.88E-01	0.00E+00	
COURSE GRID	385500.0	3735500.0	1.91E-01	0	1.91E-01	1.91E-01	0.00E+00	
COURSE GRID	386000.0	3735500.0	1.82E-01	0	1.82E-01	1.82E-01	0.00E+00	
COURSE GRID	386500.0	3735500.0	1.89E-01	0	1.89E-01	1.89E-01	0.00E+00	
COURSE GRID	387000.0	3735500.0	1.96E-01	0	1.96E-01	1.96E-01	0.00E+00	
COURSE GRID	387500.0	3735500.0	1.93E-01	0	1.93E-01	1.93E-01	0.00E+00	

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	388000.0	3735500.0	1.78E-01	0	1.78E-01	1.78E-01	0.00E+00	
COURSE GRID	388500.0	3735500.0	1.64E-01	0	1.64E-01	1.64E-01	0.00E+00	
COURSE GRID	389000.0	3735500.0	1.52E-01	0	1.52E-01	1.52E-01	0.00E+00	
COURSE GRID	389500.0	3735500.0	1.38E-01	0	1.38E-01	1.38E-01	0.00E+00	
COURSE GRID	390000.0	3735500.0	1.27E-01	0	1.27E-01	1.27E-01	0.00E+00	
COURSE GRID	390500.0	3735500.0	1.20E-01	0	1.20E-01	1.20E-01	0.00E+00	
COURSE GRID	391000.0	3735500.0	1.15E-01	0	1.15E-01	1.15E-01	0.00E+00	
COURSE GRID	391500.0	3735500.0	1.06E-01	0	1.06E-01	1.06E-01	0.00E+00	
COURSE GRID	392000.0	3735500.0	1.00E-01	0	1.00E-01	1.00E-01	0.00E+00	
COURSE GRID	392500.0	3735500.0	9.32E-02	0	9.32E-02	9.32E-02	0.00E+00	
COURSE GRID	393000.0	3735500.0	9.12E-02	0	9.12E-02	9.12E-02	0.00E+00	
COURSE GRID	393500.0	3735500.0	8.66E-02	0	8.66E-02	8.66E-02	0.00E+00	
COURSE GRID	377000.0	3736000.0	5.30E-02	0	5.30E-02	5.30E-02	0.00E+00	
COURSE GRID	377500.0	3736000.0	6.07E-02	0	6.07E-02	6.07E-02	0.00E+00	
COURSE GRID	378000.0	3736000.0	7.27E-02	0	7.27E-02	7.27E-02	0.00E+00	
COURSE GRID	378500.0	3736000.0	8.78E-02	0	8.78E-02	8.78E-02	0.00E+00	
COURSE GRID	379000.0	3736000.0	1.10E-01	0	1.10E-01	1.10E-01	0.00E+00	
COURSE GRID	379500.0	3736000.0	1.04E-01	0	1.04E-01	1.04E-01	0.00E+00	
COURSE GRID	380000.0	3736000.0	1.06E-01	0	1.06E-01	1.06E-01	0.00E+00	
COURSE GRID	380500.0	3736000.0	1.20E-01	0	1.20E-01	1.20E-01	0.00E+00	
COURSE GRID	381000.0	3736000.0	1.28E-01	0	1.28E-01	1.28E-01	0.00E+00	
COURSE GRID	381500.0	3736000.0	1.45E-01	0	1.45E-01	1.45E-01	0.00E+00	
COURSE GRID	382000.0	3736000.0	1.68E-01	0	1.68E-01	1.68E-01	0.00E+00	
COURSE GRID	382500.0	3736000.0	2.08E-01	0	2.08E-01	2.08E-01	0.00E+00	
COURSE GRID	383000.0	3736000.0	2.31E-01	0	2.31E-01	2.31E-01	0.00E+00	
COURSE GRID	383500.0	3736000.0	2.38E-01	0	2.38E-01	2.38E-01	0.00E+00	
COURSE GRID	384000.0	3736000.0	2.44E-01	0	2.44E-01	2.44E-01	0.00E+00	
COURSE GRID	384500.0	3736000.0	2.14E-01	0	2.14E-01	2.14E-01	0.00E+00	
COURSE GRID	385000.0	3736000.0	1.92E-01	0	1.92E-01	1.92E-01	0.00E+00	
COURSE GRID	385500.0	3736000.0	1.89E-01	0	1.89E-01	1.89E-01	0.00E+00	
COURSE GRID	386000.0	3736000.0	1.89E-01	0	1.89E-01	1.89E-01	0.00E+00	
COURSE GRID	386500.0	3736000.0	2.04E-01	0	2.04E-01	2.04E-01	0.00E+00	
COURSE GRID	387000.0	3736000.0	2.13E-01	0	2.13E-01	2.13E-01	0.00E+00	
COURSE GRID	387500.0	3736000.0	2.11E-01	0	2.11E-01	2.11E-01	0.00E+00	
COURSE GRID	388000.0	3736000.0	1.83E-01	0	1.83E-01	1.83E-01	0.00E+00	
COURSE GRID	388500.0	3736000.0	1.65E-01	0	1.65E-01	1.65E-01	0.00E+00	
COURSE GRID	389000.0	3736000.0	1.51E-01	0	1.51E-01	1.51E-01	0.00E+00	
COURSE GRID	389500.0	3736000.0	1.37E-01	0	1.37E-01	1.37E-01	0.00E+00	

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	390000.0	3736000.0	1.27E-01	0	1.27E-01	1.27E-01	0.00E+00	
COURSE GRID	390500.0	3736000.0	1.20E-01	0	1.20E-01	1.20E-01	0.00E+00	
COURSE GRID	391000.0	3736000.0	1.12E-01	0	1.12E-01	1.12E-01	0.00E+00	
COURSE GRID	391500.0	3736000.0	9.86E-02	0	9.86E-02	9.86E-02	0.00E+00	
COURSE GRID	392000.0	3736000.0	9.26E-02	0	9.26E-02	9.26E-02	0.00E+00	
COURSE GRID	392500.0	3736000.0	9.03E-02	0	9.03E-02	9.03E-02	0.00E+00	
COURSE GRID	393000.0	3736000.0	8.99E-02	0	8.99E-02	8.99E-02	0.00E+00	
COURSE GRID	393500.0	3736000.0	8.82E-02	0	8.82E-02	8.82E-02	0.00E+00	
COURSE GRID	377000.0	3736500.0	5.33E-02	0	5.33E-02	5.33E-02	0.00E+00	
COURSE GRID	377500.0	3736500.0	6.16E-02	0	6.16E-02	6.16E-02	0.00E+00	
COURSE GRID	378000.0	3736500.0	7.47E-02	0	7.47E-02	7.47E-02	0.00E+00	
COURSE GRID	378500.0	3736500.0	9.23E-02	0	9.23E-02	9.23E-02	0.00E+00	
COURSE GRID	379000.0	3736500.0	1.02E-01	0	1.02E-01	1.02E-01	0.00E+00	
COURSE GRID	379500.0	3736500.0	1.04E-01	0	1.04E-01	1.04E-01	0.00E+00	
COURSE GRID	380000.0	3736500.0	1.05E-01	0	1.05E-01	1.05E-01	0.00E+00	
COURSE GRID	380500.0	3736500.0	1.28E-01	0	1.28E-01	1.28E-01	0.00E+00	
COURSE GRID	381000.0	3736500.0	1.48E-01	0	1.48E-01	1.48E-01	0.00E+00	
COURSE GRID	381500.0	3736500.0	1.43E-01	0	1.43E-01	1.43E-01	0.00E+00	
COURSE GRID	382000.0	3736500.0	1.62E-01	0	1.62E-01	1.62E-01	0.00E+00	
COURSE GRID	382500.0	3736500.0	2.26E-01	0	2.26E-01	2.26E-01	0.00E+00	
COURSE GRID	383000.0	3736500.0	2.71E-01	0	2.71E-01	2.71E-01	0.00E+00	
COURSE GRID	383500.0	3736500.0	2.57E-01	0	2.57E-01	2.57E-01	0.00E+00	
COURSE GRID	384000.0	3736500.0	2.53E-01	0	2.53E-01	2.53E-01	0.00E+00	
COURSE GRID	384500.0	3736500.0	2.20E-01	0	2.20E-01	2.20E-01	0.00E+00	
COURSE GRID	385000.0	3736500.0	2.00E-01	0	2.00E-01	2.00E-01	0.00E+00	
COURSE GRID	385500.0	3736500.0	1.98E-01	0	1.98E-01	1.98E-01	0.00E+00	
COURSE GRID	386000.0	3736500.0	2.10E-01	0	2.10E-01	2.10E-01	0.00E+00	
COURSE GRID	386500.0	3736500.0	2.43E-01	0	2.43E-01	2.43E-01	0.00E+00	
COURSE GRID	387000.0	3736500.0	2.38E-01	0	2.38E-01	2.38E-01	0.00E+00	
COURSE GRID	387500.0	3736500.0	2.35E-01	0	2.35E-01	2.35E-01	0.00E+00	
COURSE GRID	388000.0	3736500.0	2.14E-01	0	2.14E-01	2.14E-01	0.00E+00	
COURSE GRID	388500.0	3736500.0	1.94E-01	0	1.94E-01	1.94E-01	0.00E+00	
COURSE GRID	389000.0	3736500.0	1.76E-01	0	1.76E-01	1.76E-01	0.00E+00	
COURSE GRID	389500.0	3736500.0	1.56E-01	0	1.56E-01	1.56E-01	0.00E+00	
COURSE GRID	390000.0	3736500.0	1.41E-01	0	1.41E-01	1.41E-01	0.00E+00	
COURSE GRID	390500.0	3736500.0	1.28E-01	0	1.28E-01	1.28E-01	0.00E+00	
COURSE GRID	391000.0	3736500.0	1.22E-01	0	1.22E-01	1.22E-01	0.00E+00	
COURSE GRID	391500.0	3736500.0	1.10E-01	0	1.10E-01	1.10E-01	0.00E+00	

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	392000.0	3736500.0	9.73E-02	0	9.73E-02	9.73E-02	0.00E+00	
COURSE GRID	392500.0	3736500.0	9.11E-02	0	9.11E-02	9.11E-02	0.00E+00	
COURSE GRID	393000.0	3736500.0	8.46E-02	0	8.46E-02	8.46E-02	0.00E+00	
COURSE GRID	393500.0	3736500.0	7.90E-02	0	7.90E-02	7.90E-02	0.00E+00	
COURSE GRID	377000.0	3737000.0	5.43E-02	0	5.43E-02	5.43E-02	0.00E+00	
COURSE GRID	377500.0	3737000.0	6.42E-02	0	6.42E-02	6.42E-02	0.00E+00	
COURSE GRID	378000.0	3737000.0	8.00E-02	0	8.00E-02	8.00E-02	0.00E+00	
COURSE GRID	378500.0	3737000.0	9.09E-02	0	9.09E-02	9.09E-02	0.00E+00	
COURSE GRID	379000.0	3737000.0	9.92E-02	0	9.92E-02	9.92E-02	0.00E+00	
COURSE GRID	379500.0	3737000.0	1.02E-01	0	1.02E-01	1.02E-01	0.00E+00	
COURSE GRID	380000.0	3737000.0	1.10E-01	0	1.10E-01	1.10E-01	0.00E+00	
COURSE GRID	380500.0	3737000.0	1.30E-01	0	1.30E-01	1.30E-01	0.00E+00	
COURSE GRID	381000.0	3737000.0	1.42E-01	0	1.42E-01	1.42E-01	0.00E+00	
COURSE GRID	381500.0	3737000.0	1.40E-01	0	1.40E-01	1.40E-01	0.00E+00	
COURSE GRID	382000.0	3737000.0	1.64E-01	0	1.64E-01	1.64E-01	0.00E+00	
COURSE GRID	382500.0	3737000.0	2.31E-01	0	2.31E-01	2.31E-01	0.00E+00	
COURSE GRID	383000.0	3737000.0	5.91E-01	0	5.91E-01	5.91E-01	0.00E+00	
COURSE GRID	383500.0	3737000.0	5.91E-01	0	5.91E-01	5.91E-01	0.00E+00	
COURSE GRID	384000.0	3737000.0	3.09E-01	0	3.09E-01	3.09E-01	0.00E+00	
COURSE GRID	384500.0	3737000.0	2.38E-01	0	2.38E-01	2.38E-01	0.00E+00	
COURSE GRID	385000.0	3737000.0	2.12E-01	0	2.12E-01	2.12E-01	0.00E+00	
COURSE GRID	385500.0	3737000.0	2.06E-01	0	2.06E-01	2.06E-01	0.00E+00	
COURSE GRID	386000.0	3737000.0	2.59E-01	0	2.59E-01	2.59E-01	0.00E+00	
COURSE GRID	386500.0	3737000.0	3.13E-01	0	3.13E-01	3.13E-01	0.00E+00	
COURSE GRID	387000.0	3737000.0	3.62E-01	0	3.62E-01	3.62E-01	0.00E+00	
COURSE GRID	387500.0	3737000.0	3.10E-01	0	3.10E-01	3.10E-01	0.00E+00	
COURSE GRID	388000.0	3737000.0	2.46E-01	0	2.46E-01	2.46E-01	0.00E+00	
COURSE GRID	388500.0	3737000.0	1.97E-01	0	1.97E-01	1.97E-01	0.00E+00	
COURSE GRID	389000.0	3737000.0	1.61E-01	0	1.61E-01	1.61E-01	0.00E+00	
COURSE GRID	389500.0	3737000.0	1.39E-01	0	1.39E-01	1.39E-01	0.00E+00	
COURSE GRID	390000.0	3737000.0	1.27E-01	0	1.27E-01	1.27E-01	0.00E+00	
COURSE GRID	390500.0	3737000.0	1.19E-01	0	1.19E-01	1.19E-01	0.00E+00	
COURSE GRID	391000.0	3737000.0	1.13E-01	0	1.13E-01	1.13E-01	0.00E+00	
COURSE GRID	391500.0	3737000.0	9.83E-02	0	9.83E-02	9.83E-02	0.00E+00	
COURSE GRID	392000.0	3737000.0	9.11E-02	0	9.11E-02	9.11E-02	0.00E+00	
COURSE GRID	392500.0	3737000.0	9.38E-02	0	9.38E-02	9.38E-02	0.00E+00	
COURSE GRID	393000.0	3737000.0	9.49E-02	0	9.49E-02	9.49E-02	0.00E+00	
COURSE GRID	393500.0	3737000.0	9.37E-02	0	9.37E-02	9.37E-02	0.00E+00	

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE			
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT
COURSE GRID	377000.0	3737500.0	6.05E-02	0	6.05E-02	6.05E-02	0.00E+00
COURSE GRID	377500.0	3737500.0	6.82E-02	0	6.82E-02	6.82E-02	0.00E+00
COURSE GRID	378000.0	3737500.0	8.17E-02	0	8.17E-02	8.17E-02	0.00E+00
COURSE GRID	378500.0	3737500.0	8.81E-02	0	8.81E-02	8.81E-02	0.00E+00
COURSE GRID	379000.0	3737500.0	9.30E-02	0	9.30E-02	9.30E-02	0.00E+00
COURSE GRID	379500.0	3737500.0	1.04E-01	0	1.04E-01	1.04E-01	0.00E+00
COURSE GRID	380000.0	3737500.0	1.11E-01	0	1.11E-01	1.11E-01	0.00E+00
COURSE GRID	380500.0	3737500.0	1.23E-01	0	1.23E-01	1.23E-01	0.00E+00
COURSE GRID	381000.0	3737500.0	1.29E-01	0	1.29E-01	1.29E-01	0.00E+00
COURSE GRID	381500.0	3737500.0	1.30E-01	0	1.30E-01	1.30E-01	0.00E+00
COURSE GRID	382000.0	3737500.0	1.56E-01	0	1.56E-01	1.56E-01	0.00E+00
COURSE GRID	382500.0	3737500.0	1.94E-01	0	1.94E-01	1.94E-01	0.00E+00
COURSE GRID	383000.0	3737500.0	2.50E-01	0	2.50E-01	2.50E-01	0.00E+00
COURSE GRID	383500.0	3737500.0	2.87E-01	0	2.87E-01	2.87E-01	0.00E+00
COURSE GRID	384000.0	3737500.0	2.75E-01	0	2.75E-01	2.75E-01	0.00E+00
COURSE GRID	384500.0	3737500.0	2.26E-01	0	2.26E-01	2.26E-01	0.00E+00
COURSE GRID	385000.0	3737500.0	2.08E-01	0	2.08E-01	2.08E-01	0.00E+00
COURSE GRID	385500.0	3737500.0	2.15E-01	0	2.15E-01	2.15E-01	0.00E+00
COURSE GRID	386000.0	3737500.0	2.63E-01	0	2.63E-01	2.63E-01	0.00E+00
COURSE GRID	386500.0	3737500.0	4.84E-01	0	4.84E-01	4.84E-01	0.00E+00
COURSE GRID	387000.0	3737500.0	8.52E-01	0	8.52E-01	8.52E-01	0.00E+00
COURSE GRID	387500.0	3737500.0	4.99E-01	0	4.99E-01	4.99E-01	0.00E+00
COURSE GRID	388000.0	3737500.0	3.04E-01	0	3.04E-01	3.04E-01	0.00E+00
COURSE GRID	388500.0	3737500.0	2.22E-01	0	2.22E-01	2.22E-01	0.00E+00
COURSE GRID	389000.0	3737500.0	1.71E-01	0	1.71E-01	1.71E-01	0.00E+00
COURSE GRID	389500.0	3737500.0	1.37E-01	0	1.37E-01	1.37E-01	0.00E+00
COURSE GRID	390000.0	3737500.0	1.21E-01	0	1.21E-01	1.21E-01	0.00E+00
COURSE GRID	390500.0	3737500.0	1.10E-01	0	1.10E-01	1.10E-01	0.00E+00
COURSE GRID	391000.0	3737500.0	1.07E-01	0	1.07E-01	1.07E-01	0.00E+00
COURSE GRID	391500.0	3737500.0	1.07E-01	0	1.07E-01	1.07E-01	0.00E+00
COURSE GRID	392000.0	3737500.0	1.02E-01	0	1.02E-01	1.02E-01	0.00E+00
COURSE GRID	392500.0	3737500.0	9.66E-02	0	9.66E-02	9.66E-02	0.00E+00
COURSE GRID	393000.0	3737500.0	8.93E-02	0	8.93E-02	8.93E-02	0.00E+00
COURSE GRID	393500.0	3737500.0	8.19E-02	0	8.19E-02	8.19E-02	0.00E+00
COURSE GRID	377000.0	3738000.0	6.22E-02	0	6.22E-02	6.22E-02	0.00E+00
COURSE GRID	377500.0	3738000.0	6.71E-02	0	6.71E-02	6.71E-02	0.00E+00
COURSE GRID	378000.0	3738000.0	7.34E-02	0	7.34E-02	7.34E-02	0.00E+00
COURSE GRID	378500.0	3738000.0	7.65E-02	0	7.65E-02	7.65E-02	0.00E+00

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE			NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	
COURSE GRID	379000.0	3738000.0	8.76E-02	0	8.76E-02	8.76E-02	0.00E+00
COURSE GRID	379500.0	3738000.0	9.47E-02	0	9.47E-02	9.47E-02	0.00E+00
COURSE GRID	380000.0	3738000.0	8.94E-02	0	8.94E-02	8.94E-02	0.00E+00
COURSE GRID	380500.0	3738000.0	1.14E-01	0	1.14E-01	1.14E-01	0.00E+00
COURSE GRID	381000.0	3738000.0	1.04E-01	0	1.04E-01	1.04E-01	0.00E+00
COURSE GRID	381500.0	3738000.0	1.18E-01	0	1.18E-01	1.18E-01	0.00E+00
COURSE GRID	382000.0	3738000.0	1.36E-01	0	1.36E-01	1.36E-01	0.00E+00
COURSE GRID	382500.0	3738000.0	1.54E-01	0	1.54E-01	1.54E-01	0.00E+00
COURSE GRID	383000.0	3738000.0	1.77E-01	0	1.77E-01	1.77E-01	0.00E+00
COURSE GRID	383500.0	3738000.0	2.04E-01	0	2.04E-01	2.04E-01	0.00E+00
COURSE GRID	384000.0	3738000.0	1.78E-01	0	1.78E-01	1.78E-01	0.00E+00
COURSE GRID	384500.0	3738000.0	2.01E-01	0	2.01E-01	2.01E-01	0.00E+00
COURSE GRID	385000.0	3738000.0	1.87E-01	0	1.87E-01	1.87E-01	0.00E+00
COURSE GRID	385500.0	3738000.0	2.07E-01	0	2.07E-01	2.07E-01	0.00E+00
COURSE GRID	386000.0	3738000.0	2.58E-01	0	2.58E-01	2.58E-01	0.00E+00
COURSE GRID	386500.0	3738000.0	3.88E-01	0	3.88E-01	3.88E-01	0.00E+00
COURSE GRID	387000.0	3738000.0	5.87E-01	0	5.87E-01	5.87E-01	0.00E+00
COURSE GRID	387500.0	3738000.0	1.32E+00	0	1.32E+00	1.32E+00	0.00E+00
COURSE GRID	388000.0	3738000.0	3.21E-01	0	3.21E-01	3.21E-01	0.00E+00
COURSE GRID	388500.0	3738000.0	2.04E-01	0	2.04E-01	2.04E-01	0.00E+00
COURSE GRID	389000.0	3738000.0	1.55E-01	0	1.55E-01	1.55E-01	0.00E+00
COURSE GRID	389500.0	3738000.0	1.35E-01	0	1.35E-01	1.35E-01	0.00E+00
COURSE GRID	390000.0	3738000.0	1.11E-01	0	1.11E-01	1.11E-01	0.00E+00
COURSE GRID	390500.0	3738000.0	1.01E-01	0	1.01E-01	1.01E-01	0.00E+00
COURSE GRID	391000.0	3738000.0	9.66E-02	0	9.66E-02	9.66E-02	0.00E+00
COURSE GRID	391500.0	3738000.0	8.77E-02	0	8.77E-02	8.77E-02	0.00E+00
COURSE GRID	392000.0	3738000.0	7.72E-02	0	7.72E-02	7.72E-02	0.00E+00
COURSE GRID	392500.0	3738000.0	7.44E-02	0	7.44E-02	7.44E-02	0.00E+00
COURSE GRID	393000.0	3738000.0	7.47E-02	0	7.47E-02	7.47E-02	0.00E+00
COURSE GRID	393500.0	3738000.0	7.32E-02	0	7.32E-02	7.32E-02	0.00E+00
COURSE GRID	394000.0	3738000.0	5.92E-02	0	5.92E-02	5.92E-02	0.00E+00
COURSE GRID	394500.0	3738000.0	7.08E-02	0	7.08E-02	7.08E-02	0.00E+00
COURSE GRID	395000.0	3738000.0	6.93E-02	0	6.93E-02	6.93E-02	0.00E+00
COURSE GRID	395500.0	3738000.0	8.05E-02	0	8.05E-02	8.05E-02	0.00E+00
COURSE GRID	396000.0	3738000.0	8.57E-02	0	8.57E-02	8.57E-02	0.00E+00
COURSE GRID	396500.0	3738000.0	9.49E-02	0	9.49E-02	9.49E-02	0.00E+00
COURSE GRID	397000.0	3738000.0	8.88E-02	0	8.88E-02	8.88E-02	0.00E+00
COURSE GRID	397500.0	3738000.0	9.16E-02	0	9.16E-02	9.16E-02	0.00E+00

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	381000.0	3738500.0	9.71E-02	0	9.71E-02	9.71E-02	0.00E+00	
COURSE GRID	381500.0	3738500.0	1.08E-01	0	1.08E-01	1.08E-01	0.00E+00	
COURSE GRID	382000.0	3738500.0	1.24E-01	0	1.24E-01	1.24E-01	0.00E+00	
COURSE GRID	382500.0	3738500.0	1.31E-01	0	1.31E-01	1.31E-01	0.00E+00	
COURSE GRID	383000.0	3738500.0	1.53E-01	0	1.53E-01	1.53E-01	0.00E+00	
COURSE GRID	383500.0	3738500.0	1.50E-01	0	1.50E-01	1.50E-01	0.00E+00	
COURSE GRID	384000.0	3738500.0	1.63E-01	0	1.63E-01	1.63E-01	0.00E+00	
COURSE GRID	384500.0	3738500.0	1.72E-01	0	1.72E-01	1.72E-01	0.00E+00	
COURSE GRID	385000.0	3738500.0	1.66E-01	0	1.66E-01	1.66E-01	0.00E+00	
COURSE GRID	385500.0	3738500.0	1.88E-01	0	1.88E-01	1.88E-01	0.00E+00	
COURSE GRID	386000.0	3738500.0	2.20E-01	0	2.20E-01	2.20E-01	0.00E+00	
COURSE GRID	386500.0	3738500.0	2.65E-01	0	2.65E-01	2.65E-01	0.00E+00	
COURSE GRID	387000.0	3738500.0	2.95E-01	0	2.95E-01	2.95E-01	0.00E+00	
COURSE GRID	387500.0	3738500.0	2.86E-01	0	2.86E-01	2.86E-01	0.00E+00	
COURSE GRID	388000.0	3738500.0	2.49E-01	0	2.49E-01	2.49E-01	0.00E+00	
COURSE GRID	388500.0	3738500.0	1.75E-01	0	1.75E-01	1.75E-01	0.00E+00	
COURSE GRID	389000.0	3738500.0	1.50E-01	0	1.50E-01	1.50E-01	0.00E+00	
COURSE GRID	389500.0	3738500.0	1.33E-01	0	1.33E-01	1.33E-01	0.00E+00	
COURSE GRID	390000.0	3738500.0	1.14E-01	0	1.14E-01	1.14E-01	0.00E+00	
COURSE GRID	390500.0	3738500.0	1.02E-01	0	1.02E-01	1.02E-01	0.00E+00	
COURSE GRID	391000.0	3738500.0	9.75E-02	0	9.75E-02	9.75E-02	0.00E+00	
COURSE GRID	391500.0	3738500.0	8.67E-02	0	8.67E-02	8.67E-02	0.00E+00	
COURSE GRID	392000.0	3738500.0	8.01E-02	0	8.01E-02	8.01E-02	0.00E+00	
COURSE GRID	392500.0	3738500.0	7.53E-02	0	7.53E-02	7.53E-02	0.00E+00	
COURSE GRID	393000.0	3738500.0	7.10E-02	0	7.10E-02	7.10E-02	0.00E+00	
COURSE GRID	393500.0	3738500.0	6.51E-02	0	6.51E-02	6.51E-02	0.00E+00	
COURSE GRID	377000.0	3739000.0	7.35E-02	0	7.35E-02	7.35E-02	0.00E+00	
COURSE GRID	377500.0	3739000.0	6.78E-02	0	6.78E-02	6.78E-02	0.00E+00	
COURSE GRID	378000.0	3739000.0	7.84E-02	0	7.84E-02	7.84E-02	0.00E+00	
COURSE GRID	378500.0	3739000.0	7.94E-02	0	7.94E-02	7.94E-02	0.00E+00	
COURSE GRID	379000.0	3739000.0	8.10E-02	0	8.10E-02	8.10E-02	0.00E+00	
COURSE GRID	379500.0	3739000.0	8.25E-02	0	8.25E-02	8.25E-02	0.00E+00	
COURSE GRID	380000.0	3739000.0	8.32E-02	0	8.32E-02	8.32E-02	0.00E+00	
COURSE GRID	380500.0	3739000.0	8.78E-02	0	8.78E-02	8.78E-02	0.00E+00	
COURSE GRID	381000.0	3739000.0	8.87E-02	0	8.87E-02	8.87E-02	0.00E+00	
COURSE GRID	381500.0	3739000.0	9.84E-02	0	9.84E-02	9.84E-02	0.00E+00	
COURSE GRID	382000.0	3739000.0	1.06E-01	0	1.06E-01	1.06E-01	0.00E+00	
COURSE GRID	382500.0	3739000.0	1.18E-01	0	1.18E-01	1.18E-01	0.00E+00	

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	383000.0	3739000.0	1.26E-01	0	1.26E-01	1.26E-01	0.00E+00	
COURSE GRID	383500.0	3739000.0	1.28E-01	0	1.28E-01	1.28E-01	0.00E+00	
COURSE GRID	384000.0	3739000.0	1.28E-01	0	1.28E-01	1.28E-01	0.00E+00	
COURSE GRID	384500.0	3739000.0	1.48E-01	0	1.48E-01	1.48E-01	0.00E+00	
COURSE GRID	385000.0	3739000.0	1.53E-01	0	1.53E-01	1.53E-01	0.00E+00	
COURSE GRID	385500.0	3739000.0	1.62E-01	0	1.62E-01	1.62E-01	0.00E+00	
COURSE GRID	386000.0	3739000.0	1.72E-01	0	1.72E-01	1.72E-01	0.00E+00	
COURSE GRID	386500.0	3739000.0	1.99E-01	0	1.99E-01	1.99E-01	0.00E+00	
COURSE GRID	387000.0	3739000.0	2.09E-01	0	2.09E-01	2.09E-01	0.00E+00	
COURSE GRID	387500.0	3739000.0	2.00E-01	0	2.00E-01	2.00E-01	0.00E+00	
COURSE GRID	388000.0	3739000.0	1.78E-01	0	1.78E-01	1.78E-01	0.00E+00	
COURSE GRID	388500.0	3739000.0	1.52E-01	0	1.52E-01	1.52E-01	0.00E+00	
COURSE GRID	389000.0	3739000.0	1.35E-01	0	1.35E-01	1.35E-01	0.00E+00	
COURSE GRID	389500.0	3739000.0	1.09E-01	0	1.09E-01	1.09E-01	0.00E+00	
COURSE GRID	390000.0	3739000.0	1.05E-01	0	1.05E-01	1.05E-01	0.00E+00	
COURSE GRID	390500.0	3739000.0	1.01E-01	0	1.01E-01	1.01E-01	0.00E+00	
COURSE GRID	391000.0	3739000.0	9.30E-02	0	9.30E-02	9.30E-02	0.00E+00	
COURSE GRID	391500.0	3739000.0	8.76E-02	0	8.76E-02	8.76E-02	0.00E+00	
COURSE GRID	392000.0	3739000.0	8.19E-02	0	8.19E-02	8.19E-02	0.00E+00	
COURSE GRID	392500.0	3739000.0	7.08E-02	0	7.08E-02	7.08E-02	0.00E+00	
COURSE GRID	393000.0	3739000.0	7.08E-02	0	7.08E-02	7.08E-02	0.00E+00	
COURSE GRID	393500.0	3739000.0	6.61E-02	0	6.61E-02	6.61E-02	0.00E+00	
COURSE GRID	377000.0	3739500.0	6.53E-02	0	6.53E-02	6.53E-02	0.00E+00	
COURSE GRID	377500.0	3739500.0	6.74E-02	0	6.74E-02	6.74E-02	0.00E+00	
COURSE GRID	378000.0	3739500.0	6.78E-02	0	6.78E-02	6.78E-02	0.00E+00	
COURSE GRID	378500.0	3739500.0	7.23E-02	0	7.23E-02	7.23E-02	0.00E+00	
COURSE GRID	379000.0	3739500.0	7.54E-02	0	7.54E-02	7.54E-02	0.00E+00	
COURSE GRID	379500.0	3739500.0	7.64E-02	0	7.64E-02	7.64E-02	0.00E+00	
COURSE GRID	380000.0	3739500.0	7.70E-02	0	7.70E-02	7.70E-02	0.00E+00	
COURSE GRID	380500.0	3739500.0	8.02E-02	0	8.02E-02	8.02E-02	0.00E+00	
COURSE GRID	381000.0	3739500.0	9.10E-02	0	9.10E-02	9.10E-02	0.00E+00	
COURSE GRID	381500.0	3739500.0	9.21E-02	0	9.21E-02	9.21E-02	0.00E+00	
COURSE GRID	382000.0	3739500.0	9.74E-02	0	9.74E-02	9.74E-02	0.00E+00	
COURSE GRID	382500.0	3739500.0	1.05E-01	0	1.05E-01	1.05E-01	0.00E+00	
COURSE GRID	383000.0	3739500.0	1.11E-01	0	1.11E-01	1.11E-01	0.00E+00	
COURSE GRID	383500.0	3739500.0	1.17E-01	0	1.17E-01	1.17E-01	0.00E+00	
COURSE GRID	384000.0	3739500.0	1.17E-01	0	1.17E-01	1.17E-01	0.00E+00	
COURSE GRID	384500.0	3739500.0	1.27E-01	0	1.27E-01	1.27E-01	0.00E+00	

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	385000.0	3739500.0	1.27E-01	0	1.27E-01	1.27E-01	0.00E+00	
COURSE GRID	385500.0	3739500.0	1.30E-01	0	1.30E-01	1.30E-01	0.00E+00	
COURSE GRID	386000.0	3739500.0	1.53E-01	0	1.53E-01	1.53E-01	0.00E+00	
COURSE GRID	386500.0	3739500.0	1.63E-01	0	1.63E-01	1.63E-01	0.00E+00	
COURSE GRID	387000.0	3739500.0	1.62E-01	0	1.62E-01	1.62E-01	0.00E+00	
COURSE GRID	387500.0	3739500.0	1.43E-01	0	1.43E-01	1.43E-01	0.00E+00	
COURSE GRID	388000.0	3739500.0	1.36E-01	0	1.36E-01	1.36E-01	0.00E+00	
COURSE GRID	388500.0	3739500.0	1.26E-01	0	1.26E-01	1.26E-01	0.00E+00	
COURSE GRID	389000.0	3739500.0	1.19E-01	0	1.19E-01	1.19E-01	0.00E+00	
COURSE GRID	389500.0	3739500.0	1.07E-01	0	1.07E-01	1.07E-01	0.00E+00	
COURSE GRID	390000.0	3739500.0	9.45E-02	0	9.45E-02	9.45E-02	0.00E+00	
COURSE GRID	390500.0	3739500.0	8.94E-02	0	8.94E-02	8.94E-02	0.00E+00	
COURSE GRID	391000.0	3739500.0	8.62E-02	0	8.62E-02	8.62E-02	0.00E+00	
COURSE GRID	391500.0	3739500.0	8.15E-02	0	8.15E-02	8.15E-02	0.00E+00	
COURSE GRID	392000.0	3739500.0	7.86E-02	0	7.86E-02	7.86E-02	0.00E+00	
COURSE GRID	392500.0	3739500.0	7.31E-02	0	7.31E-02	7.31E-02	0.00E+00	
COURSE GRID	393000.0	3739500.0	7.04E-02	0	7.04E-02	7.04E-02	0.00E+00	
COURSE GRID	393500.0	3739500.0	6.84E-02	0	6.84E-02	6.84E-02	0.00E+00	
COURSE GRID	394000.0	3740000.0	5.93E-02	0	5.93E-02	5.93E-02	0.00E+00	
COURSE GRID	377500.0	3740000.0	6.43E-02	0	6.43E-02	6.43E-02	0.00E+00	
COURSE GRID	378000.0	3740000.0	6.43E-02	0	6.43E-02	6.43E-02	0.00E+00	
COURSE GRID	378500.0	3740000.0	6.68E-02	0	6.68E-02	6.68E-02	0.00E+00	
COURSE GRID	379000.0	3740000.0	7.27E-02	0	7.27E-02	7.27E-02	0.00E+00	
COURSE GRID	379500.0	3740000.0	7.31E-02	0	7.31E-02	7.31E-02	0.00E+00	
COURSE GRID	380000.0	3740000.0	7.33E-02	0	7.33E-02	7.33E-02	0.00E+00	
COURSE GRID	380500.0	3740000.0	8.22E-02	0	8.22E-02	8.22E-02	0.00E+00	
COURSE GRID	381000.0	3740000.0	8.14E-02	0	8.14E-02	8.14E-02	0.00E+00	
COURSE GRID	381500.0	3740000.0	8.76E-02	0	8.76E-02	8.76E-02	0.00E+00	
COURSE GRID	382000.0	3740000.0	9.24E-02	0	9.24E-02	9.24E-02	0.00E+00	
COURSE GRID	382500.0	3740000.0	9.64E-02	0	9.64E-02	9.64E-02	0.00E+00	
COURSE GRID	383000.0	3740000.0	9.98E-02	0	9.98E-02	9.98E-02	0.00E+00	
COURSE GRID	383500.0	3740000.0	1.02E-01	0	1.02E-01	1.02E-01	0.00E+00	
COURSE GRID	384000.0	3740000.0	1.00E-01	0	1.00E-01	1.00E-01	0.00E+00	
COURSE GRID	384500.0	3740000.0	1.09E-01	0	1.09E-01	1.09E-01	0.00E+00	
COURSE GRID	385000.0	3740000.0	1.19E-01	0	1.19E-01	1.19E-01	0.00E+00	
COURSE GRID	385500.0	3740000.0	1.21E-01	0	1.21E-01	1.21E-01	0.00E+00	
COURSE GRID	386000.0	3740000.0	1.26E-01	0	1.26E-01	1.26E-01	0.00E+00	
COURSE GRID	386500.0	3740000.0	1.31E-01	0	1.31E-01	1.31E-01	0.00E+00	

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	387000.0	3740000.0	1.39E-01	0	1.39E-01	1.39E-01	0.00E+00	
COURSE GRID	387500.0	3740000.0	1.28E-01	0	1.28E-01	1.28E-01	0.00E+00	
COURSE GRID	388000.0	3740000.0	1.25E-01	0	1.25E-01	1.25E-01	0.00E+00	
COURSE GRID	388500.0	3740000.0	1.07E-01	0	1.07E-01	1.07E-01	0.00E+00	
COURSE GRID	389000.0	3740000.0	9.99E-02	0	9.99E-02	9.99E-02	0.00E+00	
COURSE GRID	389500.0	3740000.0	1.00E-01	0	1.00E-01	1.00E-01	0.00E+00	
COURSE GRID	390000.0	3740000.0	9.07E-02	0	9.07E-02	9.07E-02	0.00E+00	
COURSE GRID	390500.0	3740000.0	8.68E-02	0	8.68E-02	8.68E-02	0.00E+00	
COURSE GRID	391000.0	3740000.0	8.17E-02	0	8.17E-02	8.17E-02	0.00E+00	
COURSE GRID	391500.0	3740000.0	7.81E-02	0	7.81E-02	7.81E-02	0.00E+00	
COURSE GRID	392000.0	3740000.0	7.62E-02	0	7.62E-02	7.62E-02	0.00E+00	
COURSE GRID	392500.0	3740000.0	7.46E-02	0	7.46E-02	7.46E-02	0.00E+00	
COURSE GRID	393000.0	3740000.0	7.01E-02	0	7.01E-02	7.01E-02	0.00E+00	
COURSE GRID	393500.0	3740000.0	6.71E-02	0	6.71E-02	6.71E-02	0.00E+00	
COURSE GRID	377000.0	3740500.0	5.81E-02	0	5.81E-02	5.81E-02	0.00E+00	
COURSE GRID	377500.0	3740500.0	6.18E-02	0	6.18E-02	6.18E-02	0.00E+00	
COURSE GRID	378000.0	3740500.0	6.51E-02	0	6.51E-02	6.51E-02	0.00E+00	
COURSE GRID	378500.0	3740500.0	6.45E-02	0	6.45E-02	6.45E-02	0.00E+00	
COURSE GRID	379000.0	3740500.0	6.68E-02	0	6.68E-02	6.68E-02	0.00E+00	
COURSE GRID	379500.0	3740500.0	6.80E-02	0	6.80E-02	6.80E-02	0.00E+00	
COURSE GRID	380000.0	3740500.0	7.58E-02	0	7.58E-02	7.58E-02	0.00E+00	
COURSE GRID	380500.0	3740500.0	7.59E-02	0	7.59E-02	7.59E-02	0.00E+00	
COURSE GRID	381000.0	3740500.0	7.55E-02	0	7.55E-02	7.55E-02	0.00E+00	
COURSE GRID	381500.0	3740500.0	7.78E-02	0	7.78E-02	7.78E-02	0.00E+00	
COURSE GRID	382000.0	3740500.0	9.00E-02	0	9.00E-02	9.00E-02	0.00E+00	
COURSE GRID	382500.0	3740500.0	9.18E-02	0	9.18E-02	9.18E-02	0.00E+00	
COURSE GRID	383000.0	3740500.0	9.40E-02	0	9.40E-02	9.40E-02	0.00E+00	
COURSE GRID	383500.0	3740500.0	9.07E-02	0	9.07E-02	9.07E-02	0.00E+00	
COURSE GRID	384000.0	3740500.0	9.89E-02	0	9.89E-02	9.89E-02	0.00E+00	
COURSE GRID	384500.0	3740500.0	9.95E-02	0	9.95E-02	9.95E-02	0.00E+00	
COURSE GRID	385000.0	3740500.0	1.08E-01	0	1.08E-01	1.08E-01	0.00E+00	
COURSE GRID	385500.0	3740500.0	1.06E-01	0	1.06E-01	1.06E-01	0.00E+00	
COURSE GRID	386000.0	3740500.0	1.05E-01	0	1.05E-01	1.05E-01	0.00E+00	
COURSE GRID	386500.0	3740500.0	1.12E-01	0	1.12E-01	1.12E-01	0.00E+00	
COURSE GRID	387000.0	3740500.0	1.15E-01	0	1.15E-01	1.15E-01	0.00E+00	
COURSE GRID	387500.0	3740500.0	1.12E-01	0	1.12E-01	1.12E-01	0.00E+00	
COURSE GRID	388000.0	3740500.0	1.03E-01	0	1.03E-01	1.03E-01	0.00E+00	
COURSE GRID	388500.0	3740500.0	9.69E-02	0	9.69E-02	9.69E-02	0.00E+00	

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	389000.0	3740500.0	8.82E-02	0	8.82E-02	8.82E-02	0.00E+00	
COURSE GRID	389500.0	3740500.0	8.95E-02	0	8.95E-02	8.95E-02	0.00E+00	
COURSE GRID	390000.0	3740500.0	8.79E-02	0	8.79E-02	8.79E-02	0.00E+00	
COURSE GRID	390500.0	3740500.0	8.12E-02	0	8.12E-02	8.12E-02	0.00E+00	
COURSE GRID	391000.0	3740500.0	8.01E-02	0	8.01E-02	8.01E-02	0.00E+00	
COURSE GRID	391500.0	3740500.0	8.01E-02	0	8.01E-02	8.01E-02	0.00E+00	
COURSE GRID	392000.0	3740500.0	6.75E-02	0	6.75E-02	6.75E-02	0.00E+00	
COURSE GRID	392500.0	3740500.0	5.80E-02	0	5.80E-02	5.80E-02	0.00E+00	
COURSE GRID	393000.0	3740500.0	6.61E-02	0	6.61E-02	6.61E-02	0.00E+00	
COURSE GRID	393500.0	3740500.0	6.10E-02	0	6.10E-02	6.10E-02	0.00E+00	
COURSE GRID	377000.0	3741000.0	5.49E-02	0	5.49E-02	5.49E-02	0.00E+00	
COURSE GRID	377500.0	3741000.0	6.13E-02	0	6.13E-02	6.13E-02	0.00E+00	
COURSE GRID	378000.0	3741000.0	6.04E-02	0	6.04E-02	6.04E-02	0.00E+00	
COURSE GRID	378500.0	3741000.0	6.03E-02	0	6.03E-02	6.03E-02	0.00E+00	
COURSE GRID	379000.0	3741000.0	6.49E-02	0	6.49E-02	6.49E-02	0.00E+00	
COURSE GRID	379500.0	3741000.0	6.59E-02	0	6.59E-02	6.59E-02	0.00E+00	
COURSE GRID	380000.0	3741000.0	7.18E-02	0	7.18E-02	7.18E-02	0.00E+00	
COURSE GRID	380500.0	3741000.0	6.75E-02	0	6.75E-02	6.75E-02	0.00E+00	
COURSE GRID	381000.0	3741000.0	7.49E-02	0	7.49E-02	7.49E-02	0.00E+00	
COURSE GRID	381500.0	3741000.0	7.61E-02	0	7.61E-02	7.61E-02	0.00E+00	
COURSE GRID	382000.0	3741000.0	8.19E-02	0	8.19E-02	8.19E-02	0.00E+00	
COURSE GRID	382500.0	3741000.0	8.28E-02	0	8.28E-02	8.28E-02	0.00E+00	
COURSE GRID	383000.0	3741000.0	8.47E-02	0	8.47E-02	8.47E-02	0.00E+00	
COURSE GRID	383500.0	3741000.0	8.42E-02	0	8.42E-02	8.42E-02	0.00E+00	
COURSE GRID	384000.0	3741000.0	9.33E-02	0	9.33E-02	9.33E-02	0.00E+00	
COURSE GRID	384500.0	3741000.0	8.98E-02	0	8.98E-02	8.98E-02	0.00E+00	
COURSE GRID	385000.0	3741000.0	9.10E-02	0	9.10E-02	9.10E-02	0.00E+00	
COURSE GRID	385500.0	3741000.0	9.58E-02	0	9.58E-02	9.58E-02	0.00E+00	
COURSE GRID	386000.0	3741000.0	9.86E-02	0	9.86E-02	9.86E-02	0.00E+00	
COURSE GRID	386500.0	3741000.0	1.00E-01	0	1.00E-01	1.00E-01	0.00E+00	
COURSE GRID	387000.0	3741000.0	9.99E-02	0	9.99E-02	9.99E-02	0.00E+00	
COURSE GRID	387500.0	3741000.0	1.05E-01	0	1.05E-01	1.05E-01	0.00E+00	
COURSE GRID	388000.0	3741000.0	9.66E-02	0	9.66E-02	9.66E-02	0.00E+00	
COURSE GRID	388500.0	3741000.0	9.48E-02	0	9.48E-02	9.48E-02	0.00E+00	
COURSE GRID	389000.0	3741000.0	8.52E-02	0	8.52E-02	8.52E-02	0.00E+00	
COURSE GRID	389500.0	3741000.0	7.99E-02	0	7.99E-02	7.99E-02	0.00E+00	
COURSE GRID	390000.0	3741000.0	7.94E-02	0	7.94E-02	7.94E-02	0.00E+00	
COURSE GRID	390500.0	3741000.0	8.26E-02	0	8.26E-02	8.26E-02	0.00E+00	

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	CEQA BASELINE	NEPA BASELINE	
COURSE GRID	391000.0	3741000.0	7.63E-02	0	7.63E-02	7.63E-02	0.00E+00	
COURSE GRID	391500.0	3741000.0	8.27E-02	0	8.27E-02	8.27E-02	0.00E+00	
COURSE GRID	392000.0	3741000.0	7.38E-02	0	7.38E-02	7.38E-02	0.00E+00	
COURSE GRID	392500.0	3741000.0	6.48E-02	0	6.48E-02	6.48E-02	0.00E+00	
COURSE GRID	393000.0	3741000.0	6.25E-02	0	6.25E-02	6.25E-02	0.00E+00	
COURSE GRID	393500.0	3741000.0	5.78E-02	0	5.78E-02	5.78E-02	0.00E+00	
COURSE GRID	377000.0	3741500.0	5.62E-02	0	5.62E-02	5.62E-02	0.00E+00	
COURSE GRID	377500.0	3741500.0	5.87E-02	0	5.87E-02	5.87E-02	0.00E+00	
COURSE GRID	378000.0	3741500.0	5.75E-02	0	5.75E-02	5.75E-02	0.00E+00	
COURSE GRID	378500.0	3741500.0	5.85E-02	0	5.85E-02	5.85E-02	0.00E+00	
COURSE GRID	379000.0	3741500.0	6.37E-02	0	6.37E-02	6.37E-02	0.00E+00	
COURSE GRID	379500.0	3741500.0	6.35E-02	0	6.35E-02	6.35E-02	0.00E+00	
COURSE GRID	380000.0	3741500.0	6.47E-02	0	6.47E-02	6.47E-02	0.00E+00	
COURSE GRID	380500.0	3741500.0	6.86E-02	0	6.86E-02	6.86E-02	0.00E+00	
COURSE GRID	381000.0	3741500.0	7.12E-02	0	7.12E-02	7.12E-02	0.00E+00	
COURSE GRID	381500.0	3741500.0	7.32E-02	0	7.32E-02	7.32E-02	0.00E+00	
COURSE GRID	382000.0	3741500.0	7.46E-02	0	7.46E-02	7.46E-02	0.00E+00	
COURSE GRID	382500.0	3741500.0	7.38E-02	0	7.38E-02	7.38E-02	0.00E+00	
COURSE GRID	383000.0	3741500.0	7.64E-02	0	7.64E-02	7.64E-02	0.00E+00	
COURSE GRID	383500.0	3741500.0	7.89E-02	0	7.89E-02	7.89E-02	0.00E+00	
COURSE GRID	384000.0	3741500.0	8.30E-02	0	8.30E-02	8.30E-02	0.00E+00	
COURSE GRID	384500.0	3741500.0	8.50E-02	0	8.50E-02	8.50E-02	0.00E+00	
COURSE GRID	385000.0	3741500.0	8.79E-02	0	8.79E-02	8.79E-02	0.00E+00	
COURSE GRID	385500.0	3741500.0	8.90E-02	0	8.90E-02	8.90E-02	0.00E+00	
COURSE GRID	386000.0	3741500.0	9.33E-02	0	9.33E-02	9.33E-02	0.00E+00	
COURSE GRID	386500.0	3741500.0	8.76E-02	0	8.76E-02	8.76E-02	0.00E+00	
COURSE GRID	387000.0	3741500.0	8.95E-02	0	8.95E-02	8.95E-02	0.00E+00	
COURSE GRID	387500.0	3741500.0	9.03E-02	0	9.03E-02	9.03E-02	0.00E+00	
COURSE GRID	388000.0	3741500.0	9.40E-02	0	9.40E-02	9.40E-02	0.00E+00	
COURSE GRID	388500.0	3741500.0	7.96E-02	0	7.96E-02	7.96E-02	0.00E+00	
COURSE GRID	389000.0	3741500.0	8.32E-02	0	8.32E-02	8.32E-02	0.00E+00	
COURSE GRID	389500.0	3741500.0	7.38E-02	0	7.38E-02	7.38E-02	0.00E+00	
COURSE GRID	390000.0	3741500.0	7.34E-02	0	7.34E-02	7.34E-02	0.00E+00	
COURSE GRID	390500.0	3741500.0	7.45E-02	0	7.45E-02	7.45E-02	0.00E+00	
COURSE GRID	391000.0	3741500.0	7.72E-02	0	7.72E-02	7.72E-02	0.00E+00	
COURSE GRID	391500.0	3741500.0	7.42E-02	0	7.42E-02	7.42E-02	0.00E+00	
COURSE GRID	392000.0	3741500.0	6.78E-02	0	6.78E-02	6.78E-02	0.00E+00	
COURSE GRID	392500.0	3741500.0	6.06E-02	0	6.06E-02	6.06E-02	0.00E+00	

ACUTE NON-CANCER RISK

RECEPTOR NAME	UTME (m)	UTMN (m)	TOTAL IMPACT	NO PROJECT ALTERNATIVE				NEPA IMPACT
				CEQA BASELINE	CEQA IMPACT	NEPA BASELINE	NEPA IMPACT	
COURSE GRID	393000.0	3741500.0	5.95E-02	0	5.95E-02	5.95E-02	0.00E+00	
COURSE GRID	393500.0	3741500.0	5.59E-02	0	5.59E-02	5.59E-02	0.00E+00	
COURSE GRID	377000.0	3742000.0	5.27E-02	0	5.27E-02	5.27E-02	0.00E+00	
COURSE GRID	377500.0	3742000.0	5.14E-02	0	5.14E-02	5.14E-02	0.00E+00	
COURSE GRID	378000.0	3742000.0	5.77E-02	0	5.77E-02	5.77E-02	0.00E+00	
COURSE GRID	378500.0	3742000.0	5.94E-02	0	5.94E-02	5.94E-02	0.00E+00	
COURSE GRID	379000.0	3742000.0	6.11E-02	0	6.11E-02	6.11E-02	0.00E+00	
COURSE GRID	379500.0	3742000.0	6.42E-02	0	6.42E-02	6.42E-02	0.00E+00	
COURSE GRID	380000.0	3742000.0	6.15E-02	0	6.15E-02	6.15E-02	0.00E+00	
COURSE GRID	380500.0	3742000.0	6.67E-02	0	6.67E-02	6.67E-02	0.00E+00	
COURSE GRID	381000.0	3742000.0	6.75E-02	0	6.75E-02	6.75E-02	0.00E+00	
COURSE GRID	381500.0	3742000.0	6.86E-02	0	6.86E-02	6.86E-02	0.00E+00	
COURSE GRID	382000.0	3742000.0	6.84E-02	0	6.84E-02	6.84E-02	0.00E+00	
COURSE GRID	382500.0	3742000.0	6.85E-02	0	6.85E-02	6.85E-02	0.00E+00	
COURSE GRID	383000.0	3742000.0	7.15E-02	0	7.15E-02	7.15E-02	0.00E+00	
COURSE GRID	383500.0	3742000.0	7.41E-02	0	7.41E-02	7.41E-02	0.00E+00	
COURSE GRID	384000.0	3742000.0	7.28E-02	0	7.28E-02	7.28E-02	0.00E+00	
COURSE GRID	384500.0	3742000.0	7.36E-02	0	7.36E-02	7.36E-02	0.00E+00	
COURSE GRID	385000.0	3742000.0	7.87E-02	0	7.87E-02	7.87E-02	0.00E+00	
COURSE GRID	385500.0	3742000.0	8.30E-02	0	8.30E-02	8.30E-02	0.00E+00	
COURSE GRID	386000.0	3742000.0	8.33E-02	0	8.33E-02	8.33E-02	0.00E+00	
COURSE GRID	386500.0	3742000.0	8.28E-02	0	8.28E-02	8.28E-02	0.00E+00	
COURSE GRID	387000.0	3742000.0	7.93E-02	0	7.93E-02	7.93E-02	0.00E+00	
COURSE GRID	387500.0	3742000.0	8.25E-02	0	8.25E-02	8.25E-02	0.00E+00	
COURSE GRID	388000.0	3742000.0	8.23E-02	0	8.23E-02	8.23E-02	0.00E+00	
COURSE GRID	388500.0	3742000.0	8.03E-02	0	8.03E-02	8.03E-02	0.00E+00	
COURSE GRID	389000.0	3742000.0	7.85E-02	0	7.85E-02	7.85E-02	0.00E+00	
COURSE GRID	389500.0	3742000.0	7.63E-02	0	7.63E-02	7.63E-02	0.00E+00	
COURSE GRID	390000.0	3742000.0	6.67E-02	0	6.67E-02	6.67E-02	0.00E+00	
COURSE GRID	390500.0	3742000.0	7.40E-02	0	7.40E-02	7.40E-02	0.00E+00	
COURSE GRID	391000.0	3742000.0	7.21E-02	0	7.21E-02	7.21E-02	0.00E+00	
COURSE GRID	391500.0	3742000.0	7.08E-02	0	7.08E-02	7.08E-02	0.00E+00	
COURSE GRID	392000.0	3742000.0	6.56E-02	0	6.56E-02	6.56E-02	0.00E+00	
COURSE GRID	392500.0	3742000.0	5.98E-02	0	5.98E-02	5.98E-02	0.00E+00	
COURSE GRID	393000.0	3742000.0	5.71E-02	0	5.71E-02	5.71E-02	0.00E+00	
COURSE GRID	393500.0	3742000.0	5.50E-02	0	5.50E-02	5.50E-02	0.00E+00	

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