FILE: F:\ENGINEER\Software\HARP\HARP\Projects\2011\C1176C1177C1178\WorkerRisk.txt

EXCEPTION REPORT
(there have been no changes or exceptions)

RECEPTORS WITH HIGHEST CANCER RISK

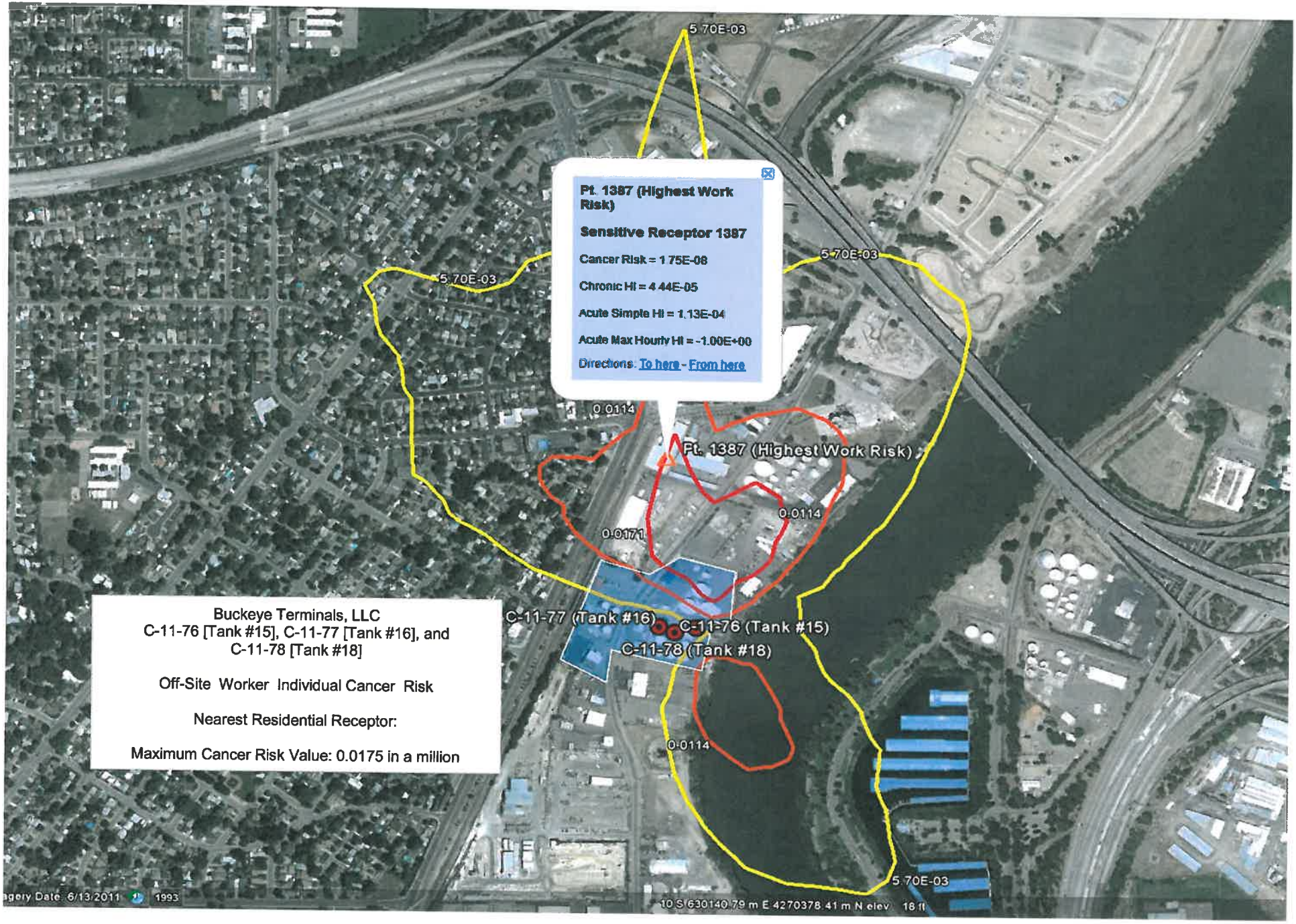
REC	TYPE	CANCER	CHRONIC	ACUTE	UTME	UTMN	ZONE
1381	BOUNDARY	2.29E-08	5.81E-05	1.29E-04	628806	4269960	10
649	GRID	2.28E-08	5.77E-05	1.21E-04	628766	4269984	10
611	GRID	2.16E-08	5.47E-05	1.16E-04	628696	4270054	10
650	GRID	2.12E-08	5.38E-05	1.15E-04	628836	4269984	10
613	GRID	2.08E-08	5.29E-05	1.15E-04	628836	4270054	10
648	GRID	2.07E-08	5.25E-05	1.47E-04	628696	4269984	10
1370	BOUNDARY	2.01E-08	5.10E-05	1.48E-04	628710	4269984	10
574	GRID	1.98E-08	5.02E-05	1.03E-04	628696	4270124	10
686	GRID	1.91E-08	4.84E-05	1.29E-04	628766	4269914	10
612	GRID	1.89E-08	4.80E-05	1.21E-04	628766	4270054	10
537	GRID	1.76E-08	4.46E-05	9.82E-05	628696	4270194	10
1387	SENSITIVE	1.75E-08	4.44E-05	1.13E-04	628682	4270166	10
576	GRID	1.72E-08	4.35E-05	1.13E-04	628836	4270124	10
614	GRID	1.62E-08	4.10E-05	1.15E-04	628906	4270054	10
577	GRID	1.59E-08	4.03E-05	9.95E-05	628906	4270124	10
500	GRID	1.56E-08	3.96E-05	9.31E-05	628696	4270264	10
1385	SENSITIVE	1.55E-08	3.92E-05	1.33E-04	628833	4269933	10
798	GRID	1.53E-08	3.88E-05	1.48E-04	628836	4269704	10
575	GRID	1.50E-08	3.80E-05	1.13E-04	628766	4270124	10
760	GRID	1.46E-08	3.69E-05	1.37E-04	628766	4269774	10
1386	SENSITIVE	1.45E-08	3.67E-05	1.11E-04	628627	4270053	10
610	GRID	1.44E-08	3.66E-05	1.11E-04	628626	4270054	10

RECEPTORS WITH HIGHEST CHRONIC HI

REC	TYPE	CANCER	CHRONIC	ACUTE	UTME	UTMN	ZONE
1381	BOUNDARY	2.29E-08	5.81E-05	1.29E-04	628806	4269960	10
649	GRID	2.28E-08	5.77E-05	1.21E-04	628766	4269984	10
611	GRID	2.16E-08	5.47E-05	1.16E-04	628696	4270054	10
650	GRID	2.12E-08	5.38E-05	1.15E-04	628836	4269984	10
613	GRID	2.08E-08	5.29E-05	1.15E-04	628836	4270054	10
648	GRID	2.07E-08	5.25E-05	1.47E-04	628696	4269984	10
1370	BOUNDARY	2.01E-08	5.10E-05	1.48E-04	628710	4269984	10
574	GRID	1.98E-08	5.02E-05	1.03E-04	628696	4270124	10
686	GRID	1.91E-08	4.84E-05	1.29E-04	628766	4269914	10
612	GRID	1.89E-08	4.80E-05	1.21E-04	628766	4270054	10
537	GRID	1.76E-08	4.46E-05	9.82E-05	628696	4270194	10
1387	SENSITIVE	1.75E-08	4.44E-05	1.13E-04	628682	4270166	10
576	GRID	1.72E-08	4.35E-05	1.13E-04	628836	4270124	10
614	GRID	1.62E-08	4.10E-05	1.15E-04	628906	4270054	10
577	GRID	1.59E-08	4.03E-05	9.95E-05	628906	4270124	10
500	GRID	1.56E-08	3.96E-05	9.31E-05	628696	4270264	10
1385	SENSITIVE	1.55E-08	3.92E-05	1.33E-04	628833	4269933	10
798	GRID	1.53E-08	3.88E-05	1.48E-04	628836	4269704	10
575	GRID	1.50E-08	3.80E-05	1.13E-04	628766	4270124	10
760	GRID	1.46E-08	3.69E-05	1.37E-04	628766	4269774	10
1386	SENSITIVE	1.45E-08	3.67E-05	1.11E-04	628627	4270053	10
610	GRID	1.44E-08	3.66E-05	1.11E-04	628626	4270054	10

RECEPTORS WITH HIGHEST ACUTE HI

REC	TYPE	CANCER	CHRONIC	ACUTE	UTME	UTMN	ZONE
1376	BOUNDARY	1.71E-09	4.34E-06	1.61E-04	628598	4269810	10
797	GRID	1.43E-08	3.62E-05	1.59E-04	628766	4269704	10
1370	BOUNDARY	2.01E-08	5.10E-05	1.48E-04	628710	4269984	10
798	GRID	1.53E-08	3.88E-05	1.48E-04	628836	4269704	10
687	GRID	1.20E-08	3.05E-05	1.48E-04	628836	4269914	10
648	GRID	2.07E-08	5.25E-05	1.47E-04	628696	4269984	10
651	GRID	1.19E-08	3.01E-05	1.47E-04	628906	4269984	10
796	GRID	6.27E-09	1.59E-05	1.44E-04	628696	4269704	10
1371	BOUNDARY	1.28E-08	3.24E-05	1.42E-04	628659	4269952	10
615	GRID	9.54E-09	2.42E-05	1.40E-04	628976	4270054	10
760	GRID	1.46E-08	3.69E-05	1.37E-04	628766	4269774	10
572	GRID	1.20E-08	3.05E-05	1.37E-04	628556	4270124	10
652	GRID	6.50E-09	1.65E-05	1.36E-04	628976	4269984	10
685	GRID	1.12E-08	2.84E-05	1.34E-04	628696	4269914	10
835	GRID	1.34E-08	3.41E-05	1.33E-04	628836	4269634	10
1385	SENSITIVE	1.55E-08	3.92E-05	1.33E-04	628833	4269933	10
833	GRID	5.59E-09	1.42E-05	1.32E-04	628696	4269634	10
834	GRID	1.10E-08	2.78E-05	1.31E-04	628766	4269634	10
1392	SENSITIVE	1.26E-08	3.20E-05	1.30E-04	628536	4270114	10
1378	BOUNDARY	1.33E-08	3.37E-05	1.30E-04	628753	4269777	10
799	GRID	1.02E-08	2.60E-05	1.29E-04	628906	4269704	10
686	GRID	1.91E-08	4.84E-05	1.29E-04	628766	4269914	10



Buckeye Terminals, LLC
C-11-76 [Tank #15], C-11-77 [Tank #16], and
C-11-78 [Tank #18]

Off-Site Worker Individual Cancer Risk

Nearest Residential Receptor:

Maximum Cancer Risk Value: 0.0175 in a million

F:\ENGINEER\Permits\ATCs\Evals\11's\C1176 C1177 C1178.xlsx, Worker Risk

FILE: F:\ENGINEER\Software\HARP\HARP\Projects\2011\C1176C1177C1178\ResidentialRisk.txt

EXCEPTION REPORT
(there have been no changes or exceptions)

RECEPTORS WITH HIGHEST CANCER RISK

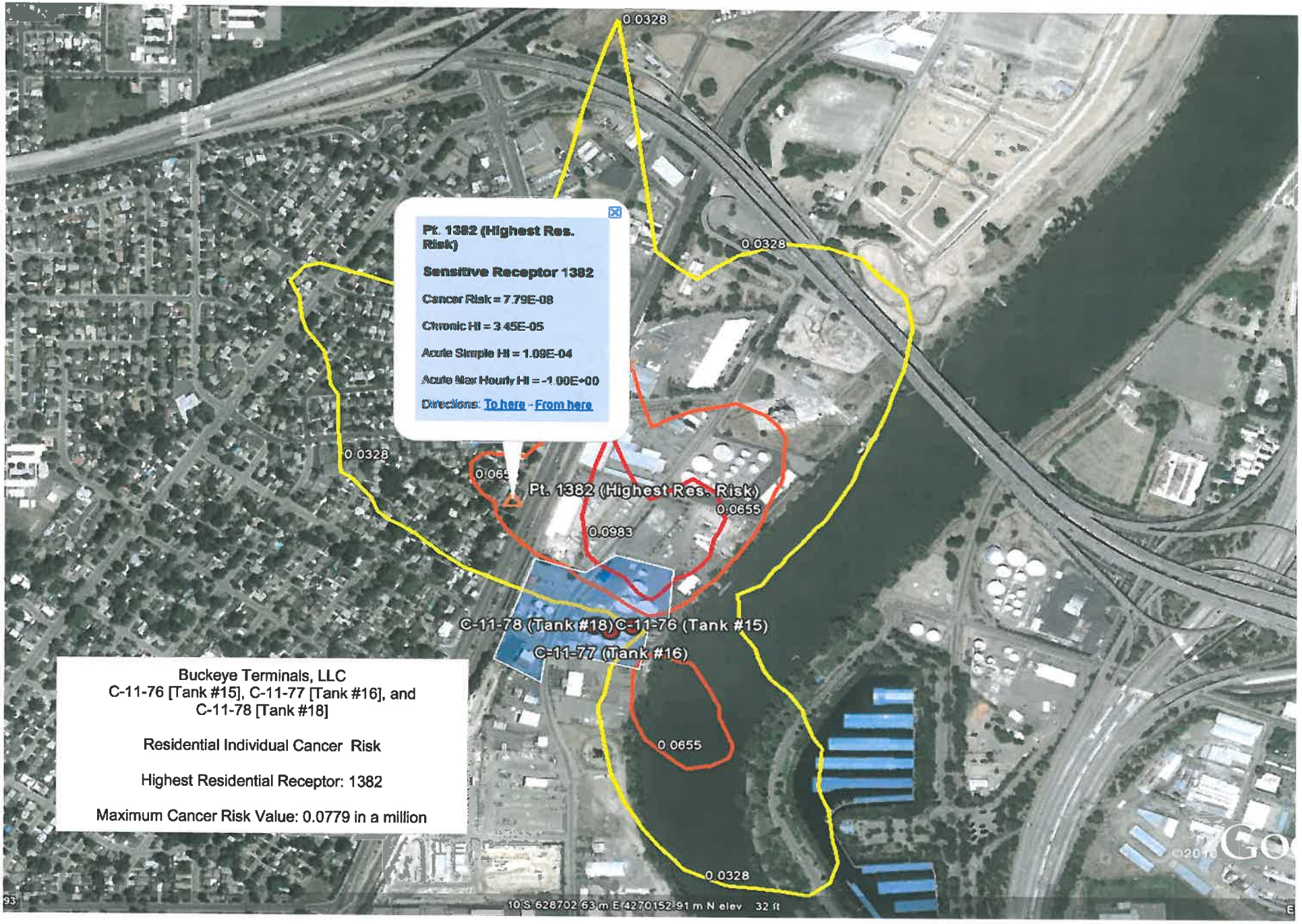
REC	TYPE	CANCER	CHRONIC	ACUTE	UTME	UTMN	ZONE
1381	BOUNDARY	1.31E-07	5.81E-05	1.29E-04	628806	4269960	10
649	GRID	1.31E-07	5.77E-05	1.21E-04	628766	4269984	10
611	GRID	1.24E-07	5.47E-05	1.16E-04	628696	4270054	10
650	GRID	1.22E-07	5.38E-05	1.15E-04	628836	4269984	10
613	GRID	1.20E-07	5.29E-05	1.15E-04	628836	4270054	10
648	GRID	1.19E-07	5.25E-05	1.47E-04	628696	4269984	10
1370	BOUNDARY	1.15E-07	5.10E-05	1.48E-04	628710	4269984	10
574	GRID	1.14E-07	5.02E-05	1.03E-04	628696	4270124	10
686	GRID	1.09E-07	4.84E-05	1.29E-04	628766	4269914	10
612	GRID	1.09E-07	4.80E-05	1.21E-04	628766	4270054	10
537	GRID	1.01E-07	4.46E-05	9.82E-05	628696	4270194	10
1387	SENSITIVE	1.00E-07	4.44E-05	1.13E-04	628682	4270166	10
576	GRID	9.84E-08	4.35E-05	1.13E-04	628836	4270124	10
614	GRID	9.28E-08	4.10E-05	1.15E-04	628906	4270054	10
577	GRID	9.11E-08	4.03E-05	9.95E-05	628906	4270124	10
500	GRID	8.95E-08	3.96E-05	9.31E-05	628696	4270264	10
1385	SENSITIVE	8.87E-08	3.92E-05	1.33E-04	628833	4269933	10
798	GRID	8.78E-08	3.88E-05	1.48E-04	628836	4269704	10
575	GRID	8.59E-08	3.80E-05	1.13E-04	628766	4270124	10
760	GRID	8.34E-08	3.69E-05	1.37E-04	628766	4269774	10
1386	SENSITIVE	8.30E-08	3.67E-05	1.11E-04	628627	4270053	10
610	GRID	8.28E-08	3.66E-05	1.11E-04	628626	4270054	10

RECEPTORS WITH HIGHEST CHRONIC HI

REC	TYPE	CANCER	CHRONIC	ACUTE	UTME	UTMN	ZONE
1381	BOUNDARY	1.31E-07	5.81E-05	1.29E-04	628806	4269960	10
649	GRID	1.31E-07	5.77E-05	1.21E-04	628766	4269984	10
611	GRID	1.24E-07	5.47E-05	1.16E-04	628696	4270054	10
650	GRID	1.22E-07	5.38E-05	1.15E-04	628836	4269984	10
613	GRID	1.20E-07	5.29E-05	1.15E-04	628836	4270054	10
648	GRID	1.19E-07	5.25E-05	1.47E-04	628696	4269984	10
1370	BOUNDARY	1.15E-07	5.10E-05	1.48E-04	628710	4269984	10
574	GRID	1.14E-07	5.02E-05	1.03E-04	628696	4270124	10
686	GRID	1.09E-07	4.84E-05	1.29E-04	628766	4269914	10
612	GRID	1.09E-07	4.80E-05	1.21E-04	628766	4270054	10
537	GRID	1.01E-07	4.46E-05	9.82E-05	628696	4270194	10
1387	SENSITIVE	1.00E-07	4.44E-05	1.13E-04	628682	4270166	10
576	GRID	9.84E-08	4.35E-05	1.13E-04	628836	4270124	10
614	GRID	9.28E-08	4.10E-05	1.15E-04	628906	4270054	10
577	GRID	9.11E-08	4.03E-05	9.95E-05	628906	4270124	10
500	GRID	8.95E-08	3.96E-05	9.31E-05	628696	4270264	10
1385	SENSITIVE	8.87E-08	3.92E-05	1.33E-04	628833	4269933	10
798	GRID	8.78E-08	3.88E-05	1.48E-04	628836	4269704	10
575	GRID	8.59E-08	3.80E-05	1.13E-04	628766	4270124	10
760	GRID	8.34E-08	3.69E-05	1.37E-04	628766	4269774	10
1386	SENSITIVE	8.30E-08	3.67E-05	1.11E-04	628627	4270053	10
610	GRID	8.28E-08	3.66E-05	1.11E-04	628626	4270054	10

RECEPTORS WITH HIGHEST ACUTE HI

REC	TYPE	CANCER	CHRONIC	ACUTE	UTME	UTMN	ZONE
1376	BOUNDARY	9.82E-09	4.34E-06	1.61E-04	628598	4269810	10
797	GRID	8.19E-08	3.62E-05	1.59E-04	628766	4269704	10
798	GRID	8.78E-08	3.88E-05	1.48E-04	628836	4269704	10
687	GRID	6.90E-08	3.05E-05	1.48E-04	628836	4269914	10
1370	BOUNDARY	1.15E-07	5.10E-05	1.48E-04	628710	4269984	10
651	GRID	6.81E-08	3.01E-05	1.47E-04	628906	4269984	10
648	GRID	1.19E-07	5.25E-05	1.47E-04	628696	4269984	10
796	GRID	3.60E-08	1.59E-05	1.44E-04	628696	4269704	10
1371	BOUNDARY	7.33E-08	3.24E-05	1.42E-04	628659	4269952	10
615	GRID	5.47E-08	2.42E-05	1.40E-04	628976	4270054	10
760	GRID	8.34E-08	3.69E-05	1.37E-04	628766	4269774	10
572	GRID	6.89E-08	3.05E-05	1.37E-04	628556	4270124	10
652	GRID	3.73E-08	1.65E-05	1.36E-04	628976	4269984	10
685	GRID	6.41E-08	2.84E-05	1.34E-04	628696	4269914	10
1385	SENSITIVE	8.87E-08	3.92E-05	1.33E-04	628833	4269933	10
835	GRID	7.71E-08	3.41E-05	1.33E-04	628836	4269634	10
833	GRID	3.21E-08	1.42E-05	1.32E-04	628696	4269634	10
834	GRID	6.29E-08	2.78E-05	1.31E-04	628766	4269634	10
1392	SENSITIVE	7.23E-08	3.20E-05	1.30E-04	628536	4270114	10
1378	BOUNDARY	7.62E-08	3.37E-05	1.30E-04	628753	4269777	10
799	GRID	5.87E-08	2.60E-05	1.29E-04	628906	4269704	10
686	GRID	1.09E-07	4.84E-05	1.29E-04	628766	4269914	10



Buckeye Terminals, LLC
C-11-76 [Tank #15], C-11-77 [Tank #16], and
C-11-78 [Tank #18]

Residential Individual Cancer Risk

Highest Residential Receptor: 1382

Maximum Cancer Risk Value: 0.0779 in a million