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February 24, 2026

Geoffrey Harper
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2601 Olive St., Suite 2300
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Reference: Preliminary Radioactivity in Soil Screening Survey
Silo Mills
7800 Silo Mills Parkway
Joshua, Texas, 76058

UES Professional Solutions 64, LLC (UES) is pleased to provide this summary of the preliminary radioactivity in soil screening at the above-referenced site.

BACKGROUND

UES was retained by King & Spalding, LLP to conduct a preliminary soil screening for the presence of naturally occurring radioactive material (NORM) related to the historical oil and gas landfarming activities on portions of the Silo Mills development property located at 7800 Silo Mills Parkway, Joshua, Texas (**Figure 1**). The purpose of this screening effort was to rapidly deploy a field crew to collect radiation exposure readings across the site to determine if there is an immediate threat to human health and the environment. This screening survey is not intended to establish or seek a regulatory compliance determination nor establish background levels used for comparison or regulatory action levels.

Approximately 485 acres of land was permitted (Permit No. LF-0295) to accept water-based drill cuttings to be landfarmed. The Railroad Commission of Texas (RRC) issued the permit to operate on August 25, 2011 with the operation of 12 cells ranging in size from 20-acres to 65-acres (**Figure 2**). The entire facility was permitted at 656 acres in size. The facility would pursue the closure of all cells, with the approval of the RRC in a letter correspondence dated September 24, 2015.

For the proposed scope of work, UES focused the screening on two reduced areas of the original landfarm tract **(Figure 3** and). Area of interest (AOI) 1 is approximately 286 acres and contained Cells 8, 9, 10, 11, and 12. AOI 2 is approximately 24 acres referred to as the Hadley Property and planned for development of commercial retail use.

FIELD METHODS AND RESULTS

On January 21, 2026, UES mobilized to the subject property to conduct a Preliminary Radioactivity in Soil Screening Survey. UES utilized two Radiation Alert Ranger EXP handheld radiation meters for the screening. The unit is capable of detecting low levels of alpha, beta, gamma, and x rays in surface soil and reported in milliRems per hour (mR/hr) but may not meet the specifications for compliance requirements. The meter has a low-level resolution of 0.006 mR/hr. The specifications of the field meter used are included in Attachment 1.

UES' preliminary screening interval was established using a 200-ft (60m) grid spacing. Each technician walked to the intersecting nodes of the grid that was publicly accessible except for the individual homeowner parcel boundaries. UES did not access the developed residential parcels including front or back yards, walkways, or driveways. No survey measurements were recorded indoors. Wherever possible, the grid node on residential property was moved and a measurement was collected outside the restricted areas.

The measurements were taken directly on the ground surface. These included measurements on bare soil, grass, concrete, and asphalt depending on the location. The field scientist observed the meter readings for a period of approximately 10 to 20 seconds. The maximum value observed on the meter display over the measurement interval at each survey location was recorded. This approach provides for the collection of the most conservative values for measured radioactivity closest to the former landfarm cells without. This approach is intended to understand if there is an immediate threat to human health or the environment. For establishing radioactivity levels for regulatory compliance with the RRC, an average value from an approved meter is used rather than the peak value. This further adds conservative considerations to our screening study.

UES field scientists collected radioactivity screening measurements at 297 field locations within the two AOIs, and 20 were collected within areas that UES determined that no landfarming was conducted based on historical aerial photographs and available documentation. This area of no landfarming activity was deemed to be indicative of background conditions. The geographic position of each measurement location was recorded using a Global Positioning System (GPS) within 5-meter accuracy, and the value of radioactivity measured by the field meter was recorded digitally and reference to the geographic position. The point locations are depicted on Figure 3 and the recorded screened results are depicted on Figures 4 and 5.

COMPARISON TO BACKGROUND CONDITIONS

At the start of the field activities, UES completed the screening measurements in the background area on the subject property The background levels radiation was measured to range from 0.012 mR/hr to 0.042 mR/hr across the 32 locations. UES calculated an average reading for the area of 0.027 mR/hr. The background survey data values are provided in Table 1.

In total, 297 points were collected throughout AOI 1 and AOI 2. The screening results from the points measured radiation ranging from 0.006 mR/hr to 0.054 mR/hr. The average calculated value was 0.026 mR/hr. The survey data from AOI 1 and AOI 2 are provided in Table 2.

The statistical distribution of the data are as follows:

Background Data

Total Points	20
Mean	0.027 mR/hr
Median	0.024 mR/hr
Mode	0.024 mR/hr
Minimum	0.012 mR/hr
Maximum	0.042 mR/hr

AOI 1 and AOI 2 Data

Total Points	297
Mean	0.026 mR/hr
Median	0.024 mR/hr
Mode	0.018 mR/hr
Minimum	0.006 mR/hr
Maximum	0.054 mR/hr

The data indicate that the radiation levels in AOI 1 and AOI 2 are indicative of background conditions and do not suggest the presence of an unknown highly radioactive source material in the shallow subsurface soil. There is no statistically significant difference between the data set from the area of the former landfarm cells and the data for the background area.

COMPARISON TO RRC REGULATIONS, FEDERAL PUBLIC DOSE LIMITS, AND NATURALLY OCCURRING RADIOACTIVITY BENCHMARKS

The RRC uses 0.050 mR/hr above background levels as a screening trigger for regulatory action and/or further investigation. As an example, field measurement of 0.054 mR/hr and an established background of 0.015 mR/hr would be a net value of 0.039 mR/hr. This resulting value is below the RRC screening trigger of 0.050 mR/hr.

The U.S. Nuclear Regulatory Commission has established a Federal Public Dose Limit of 100 mR/year above background. This is equivalent to 0.011 mR/hr averaged continuously above background conditions. The average radiation levels calculated from measurements in AOI 1 and AOI 2 are below the Federal Public Dose Limit as demonstrated by the following calculation:

AOI 1 & AOI 2 average value (0.026 mR/hr) **–** background average value (0.027 mR/hr) = -0.001 mR/hr.

This calculated value is below the Federal Public Dose Limit of 0.011 mR/hr.

Based on the survey screening results the soils within the landfarm area have an average radiation level at or below the average radiation level of the background screened areas. More over, the difference in average values between the two data sets is below the minimum resolution value of 0.006 mR/hr, rendering them effectively indistinguishable between each data set.

Radiation is found naturally occurring in nature from many sources. According to the World Nuclear Association, naturally occurring radiation levels typically range from 0.017 mR/hr to 0.04 mR/hr. Examples of common radioactivity levels associated site conditions are as follows:

Radiation Level (mR/hr)	**Typical Associated Site Condition***
0.005–0.02	Normal outdoor background
0.02–0.05	Slightly elevated natural
0.05–0.2	Granite / mild NORM
0.2–2	Oilfield NORM scale likely
2–10	Significant contamination area
>10	Requires controlled access / radiation work practices

**values may vary depending on various site-specific conditions and radioactive source materials and are presented for relative comparison and context, not established regulatory standards.*

CONCLUSIONS

Based on the radioactivity soil screening, there appears to be no unidentified radioactivity hazards, source materials, or associated risks to human health and the environment at or in close proximity to existing grade within the AOIs that are not also associated with commonly observed background conditions of ionizing radiation. Moreover, there is no evidence of elevated levels of technically enhanced naturally occurring radioactive materials (TENORM) commonly associated with oil and gas activity within the study area. Based on the data, there does not appear to be a correlation between the historical landfarm Cells 8, 9, 10, 11, or 12 and elevated radiation exposure.

We appreciate the opportunity to provide environmental services to King & Spalding LLP. If any questions or comments arise concerning the information contained in this report, please do not hesitate to call me at (281) 580-8892.

Respectfully,

UES

Tyler Arrington, PG, CAPM
Senior Project Manager

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Texas Registered Geoscience Firm No. 50041
Texas Registered Engineering Firm No. F-2430

Attachments: Tables
Figures
Equipment Specifications

TABLES

Table 1
Background Screening Points
Silo Mills
W. FM 917, Joshua, Texas 76058

Field ID	Latitude	Longitude	Field Reading (mR/hr)
RB2	32.43874137	-97.46043114	NR
RB3	32.43820123	-97.46053192	0.030
RB5	32.43704797	-97.46051365	0.018
RB6	32.43706279	-97.45987976	0.012
RB7	32.43754309	-97.45984878	0.024
RB8	32.43807199	-97.45983494	0.042
RB9	32.43864831	-97.459832	0.012
RB4	32.43755618	-97.46049576	0.024
RB1	32.43862064	-97.45916203	0.018
BL1	32.43874933	-97.45887459	0.024
BL2	32.43806094	-97.45864749	0.024
BL3	32.43744929	-97.45868709	0.030
BL4	32.43653553	-97.4586189	0.024
BL5	32.43656585	-97.45920633	0.030
BL6	32.43702493	-97.45932877	0.036
BL7	32.43753044	-97.45923887	0.036
BL8	32.4380995	-97.45927954	0.042
rb194	32.45772551	-97.44717335	0.030
RB195	32.45830751	-97.4473662	0.024
RB196	32.4572374	-97.44682681	0.030

Notes: NR = Not Recorded

Background	mR/hr
Minimum	0.012
Maximum	0.042
Median	0.024
Average	0.027

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Table 2
Field Survey Points
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Field Survey Locations - Silo Mills				
Map ID	**Field ID**	**Latitude**	**Longitude**	**Field Reading (mR/hr)**
1	R1	32.4392531	-97.45741254	0.036
2	R2	32.43893791	-97.45699722	0.048
3	R3	32.43881128	-97.45635704	0.024
4	R4	32.43898743	-97.45569256	0.018
5	R5	32.43901158	-97.45505008	0.018
6	R6	32.43900472	-97.45440021	0.018
7	R7	32.43902447	-97.45377189	0.036
8	R8	32.43900316	-97.45311169	0.024
9	R9	32.43845144	-97.45308754	0.018
10	R10	32.43790271	-97.45313675	0.030
11	R11	32.43736113	-97.45314587	0.036
12	R12	32.43733187	-97.45373139	0.024
13	R13	32.43735598	-97.45439627	0.024
14	R14	32.43681021	-97.45440964	0.042
15	R15	32.43684432	-97.45503307	0.018
16	R16	32.43680691	-97.45573285	0.018
17	R17	32.43731963	-97.4556863	0.048
18	R18	32.43785727	-97.45566496	0.030
19	R19	32.43738217	-97.45508936	0.030
20	R20	32.43789555	-97.45506771	0.018
21	R21	32.43792628	-97.45442399	0.024
22	R22	32.43794026	-97.45374878	0.024
23	R23	32.43848046	-97.45376155	0.048
24	R24	32.43842734	-97.45439487	0.030
25	R25	32.43846879	-97.45506066	0.018
26	R26	32.4384776	-97.45574451	0.012
27	R27	32.43843881	-97.45635902	0.018
28	R28	32.43790025	-97.45634528	0.024
29	R29	32.4401028	-97.45760448	0.012
30	R30	32.44009215	-97.45697809	0.018
31	R31	32.44008981	-97.45629205	0.012
32	R32	32.44012807	-97.45570754	0.030
33	R33	32.44013186	-97.45501026	0.018
34	R34	32.44010993	-97.45441728	0.012
35	R35	32.4401219	-97.45372112	0.018
36	R36	32.44016065	-97.45306013	0.030
37	R37	32.44013019	-97.45244371	0.036
38	R38	32.44012948	-97.45181232	0.012
39	R39	32.4401191	-97.45115067	0.042
40	R40	32.44013935	-97.45052497	0.018

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41	R41	32.44011742	-97.44986083	0.024
42	R42	32.44070051	-97.4498493	0.018
43	R43	32.44074373	-97.45032116	0.024
44	R45	32.44067004	-97.45113092	0.030
45	R46	32.44066658	-97.45175398	0.018
46	R47	32.44122213	-97.45177477	0.018
47	R38	32.44122116	-97.45112281	0.006
48	R49	32.44063327	-97.45218323	0.018
49	R50	32.44121685	-97.45240626	0.030
50	R51	32.44183265	-97.45244292	0.018
51	R52	32.44179784	-97.45174852	0.042
52	R53	32.44179061	-97.45115945	0.030
53	R55	32.44232145	-97.45112558	0.018
54	R56	32.44278303	-97.45108344	0.012
55	R57	32.44290648	-97.45059913	0.024
56	R58	32.44343123	-97.45040569	0.030
57	R59	32.44350144	-97.44979951	0.012
58	R60	32.44287634	-97.44996214	0.018
59	R61	32.44240469	-97.45045017	0.012
60	R62	32.44333962	-97.44917899	0.030
61	R63	32.44394358	-97.44917046	0.030
62	R64	32.44337629	-97.44855587	0.024
63	R65	32.44399115	-97.44841636	0.018
64	R66	32.44287865	-97.4484996	0.036
65	R67	32.44286087	-97.44916531	0.042
66	R68	32.44225923	-97.44913866	0.036
67	R69	32.44179033	-97.44918889	0.018
68	R70	32.44230118	-97.44978227	0.012
69	R71	32.44173774	-97.44979265	0.030
70	R72	32.44123044	-97.44982842	0.030
71	R54	32.4416705	-97.45041389	0.030
72	R44	32.44112483	-97.45041372	0.018
73	R73	32.44223803	-97.45302665	0.024
74	R74	32.44192375	-97.45309073	0.012
75	R75	32.4423386	-97.45242889	0.012
76	R76	32.44228084	-97.45173017	0.018
77	R77	32.44282085	-97.45187978	0.018
78	R78	32.44336447	-97.45173833	0.012
79	R79	32.44353669	-97.45115277	0.018
80	R80	32.4439617	-97.44981986	0.018

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Map ID	**Field ID**	**Latitude**	**Longitude**	**Field Reading (mR/hr)**
81	R81	32.44392883	-97.45044788	0.030
82	R82	32.44398817	-97.45112213	0.030
83	R83	32.44452251	-97.45111716	0.012
84	R84	32.4444961	-97.4505428	0.012
85	R85	32.44449352	-97.44993211	0.018
86	R86	32.44508113	-97.450417	0.030
87	R87	32.4450991	-97.45109544	0.018
88	R88	32.44504375	-97.45174981	0.018
89	R89	32.44457976	-97.45180176	0.018
90	R90	32.44451657	-97.45237776	0.024
91	R91	32.44430377	-97.45296363	0.018
92	R92	32.44507354	-97.45242838	0.018
93	R93	32.44517317	-97.45306975	0.018
94	R94	32.44398743	-97.45296656	0.012
95	R95	32.44385713	-97.45242446	0.012
96	R96	32.44339443	-97.45237844	0.006
97	R97	32.44282216	-97.45232994	0.036
98	R98	32.44288793	-97.45305844	0.024
99	R99	32.44336059	-97.45297396	0.018
100	R100	32.444475	-97.45365209	0.018
101	R101	32.44511232	-97.45375924	0.012
102	R102	32.44507023	-97.45433046	0.024
103	R103	32.44478952	-97.45436797	0.030
104	R104	32.44449793	-97.45470453	0.018
105	R105	32.44503913	-97.45518501	0.036
106	R106	32.44479595	-97.45501049	0.030
107	R107	32.44480015	-97.45564111	0.024
108	R108	32.44507342	-97.45550424	0.018
109	R109	32.44505657	-97.45628999	0.024
110	R110	32.44480807	-97.45628394	0.012
111	R111	32.44491827	-97.4569577	0.036
112	R112	32.44475628	-97.456968	0.024
113	R113	32.44454129	-97.45757179	0.018
114	R114	32.44449729	-97.45819463	0.024
115	R115	32.44508053	-97.45757651	0.030
116	R116	32.44506432	-97.45817259	0.024
117	R117	32.44398638	-97.45822891	0.018
118	R118	32.44341278	-97.4582247	0.018
119	R119	32.44399544	-97.45760248	0.018
120	R120	32.4439903	-97.45695682	0.042

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Map ID	**Field ID**	**Latitude**	**Longitude**	**Field Reading (mR/hr)**
121	R121	32.44341008	-97.45684109	0.018
122	R122	32.44285975	-97.45695507	0.030
123	R123	32.44290587	-97.4571546	0.018
124	R124	32.44228795	-97.45700931	0.030
125	R125	32.44207493	-97.45778977	0.012
126	R126	32.4423208	-97.45828173	0.012
127	R127	32.44283664	-97.45824197	0.018
128	R128	32.44289411	-97.45887949	0.012
129	R129	32.44177007	-97.45822109	0.024
130	R130	32.44195478	-97.45760248	0.018
131	R131	32.44230838	-97.45627306	0.030
132	R132	32.44281922	-97.4561727	0.024
133	R133	32.44339116	-97.45586375	0.012
134	134	32.44392652	-97.45629234	0.030
135	R135	32.44399317	-97.45565464	0.036
136	R136	32.44396447	-97.45500314	0.024
137	R137	32.44394467	-97.45435468	0.012
138	R138	32.44396654	-97.45365502	0.024
139	R138	32.44341259	-97.4549504	0.024
140	R139	32.44278852	-97.45501839	0.024
141	R140	32.44232541	-97.45504941	0.030
142	R141	32.44191229	-97.45694638	0.024
143	R142	32.44180839	-97.45626453	0.018
144	R143	32.44176561	-97.45559518	0.036
145	R144	32.44181742	-97.45504392	0.024
146	R145	32.44181259	-97.4543628	0.042
147	R146	32.44229096	-97.4543001	0.036
148	R147	32.44284207	-97.45419565	0.042
149	R148	32.44340541	-97.4537241	0.018
150	R149	32.44396075	-97.45173934	0.024
151	R150	32.44274917	-97.45361021	0.042
152	R151	32.44231715	-97.45358599	0.048
153	R152	32.44174948	-97.45367279	0.030
154	R153	32.44115219	-97.45371063	0.012
155	R154	32.44120078	-97.45438234	0.018
156	R155	32.44069034	-97.45373573	0.030
157	R156	32.44068079	-97.454383	0.036
158	R157	32.44117052	-97.45503195	0.018
159	R158	32.44068352	-97.45505953	0.018
160	R159	32.44118948	-97.45570792	0.024

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Map ID	**Field ID**	**Latitude**	**Longitude**	**Field Reading (mR/hr)**
161	R160	32.44067814	-97.45567006	0.012
162	R161	32.44121642	-97.45632359	0.018
163	R162	32.44066822	-97.45631989	0.024
164	R163	32.44154636	-97.456966	0.024
165	R164	32.44129366	-97.45696404	0.030
166	R165	32.44067162	-97.45695725	0.012
167	R166	32.44154522	-97.45760275	0.036
168	R167	32.44124682	-97.45761644	0.024
169	R168	32.440668	-97.45761154	0.030
170	R169	32.44120187	-97.45306054	0.024
171	R170	32.44065845	-97.45305783	0.030
172	R171	32.439584	-97.46020719	0.018
173	R172	32.4400951	-97.46021381	0.018
174	R173	32.44062651	-97.46025287	0.012
175	R174	32.44119817	-97.46021138	0.030
176	R175	32.44168442	-97.46015548	0.030
177	R176	32.44211605	-97.46020888	0.024
178	R177	32.44276676	-97.46032407	0.036
179	R178	32.4435747	-97.46019361	0.018
180	R179	32.4441406	-97.46016775	0.054
181	R180	32.44449645	-97.46016688	0.024
182	R181	32.44507941	-97.46022415	0.018
183	R182	32.44511356	-97.45952438	0.012
184	R183	32.44505139	-97.45887359	0.030
185	R184	32.44451948	-97.45890355	0.018
186	R185	32.44445354	-97.45948664	0.012
187	R186	32.44415885	-97.45952225	0.018
188	R187	32.44411678	-97.45886648	0.036
189	R188	32.44358862	-97.4595283	0.024
190	R189	32.4572035	-97.44601617	0.030
191	R190	32.45769698	-97.44599997	0.018
192	R191	32.45827184	-97.44604478	0.024
193	R192	32.45827792	-97.44535349	0.024
194	R193	32.45775854	-97.44536934	0.018
195	L1	32.43971712	-97.45927116	0.024
196	L2	32.43964052	-97.46027007	0.024
197	L3	32.43949068	-97.45837351	0.024
198	L4	32.43948581	-97.45767051	0.030
199	L5	32.43945413	-97.45696866	0.024
200	L6	32.43962799	-97.45629178	0.030

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Map ID	**Field ID**	**Latitude**	**Longitude**	**Field Reading (mR/hr)**
201	L7	32.43961753	-97.45563194	0.030
202	L8	32.43964753	-97.45505627	0.030
203	L9	32.4396728	-97.45434546	0.030
204	L10	32.43961249	-97.45371252	0.036
205	L11	32.43964469	-97.45310739	0.030
206	L12	32.43963592	-97.45249484	0.024
207	L12	32.43961106	-97.45184999	0.018
208	L13	32.43961595	-97.45118858	0.024
209	L14	32.44020471	-97.44982883	0.030
210	L15	32.44014902	-97.4492782	0.030
211	L16	32.44011326	-97.4485327	0.042
212	L17	32.4401263	-97.44789024	0.042
213	L18	32.44010393	-97.44729047	0.042
214	L19	32.44008989	-97.44669704	0.036
215	L20	32.44009693	-97.44607077	0.042
216	L21	32.44018452	-97.44535033	0.030
217	L22	32.44017805	-97.44472018	0.024
218	L23	32.44065465	-97.44465702	0.024
219	L24	32.44072437	-97.44532119	0.042
220	L25	32.44069215	-97.44591315	0.030
221	L26	32.44065886	-97.44656211	0.042
222	L27	32.4407032	-97.44721459	0.042
223	L28	32.4407098	-97.44784048	0.036
224	L29	32.4407357	-97.44856172	0.030
225	L30	32.44079913	-97.44920424	0.030
226	L31	32.44076378	-97.44970267	0.030
227	L32	32.44118345	-97.4492681	0.038
228	L33	32.44119737	-97.44851207	0.036
229	L34	32.44117207	-97.44790686	0.030
230	L35	32.44119513	-97.44727724	0.042
231	L36	32.44116713	-97.44661817	0.024
232	L37	32.44119241	-97.44603804	0.018
233	L38	32.44133567	-97.44540485	0.036
234	L39	32.44128151	-97.4447912	0.018
235	L40	32.44172889	-97.44470461	0.036
236	L41	32.44182226	-97.44530831	0.036
237	L42	32.44180939	-97.44590007	0.036
238	L43	32.44183171	-97.44649113	0.018
239	L44	32.44186985	-97.44716599	0.030
240	L45	32.44184336	-97.44788516	0.036

Table 2
Field Survey Points
Silo Mills
W. FM 917, Joshua, Texas 76058

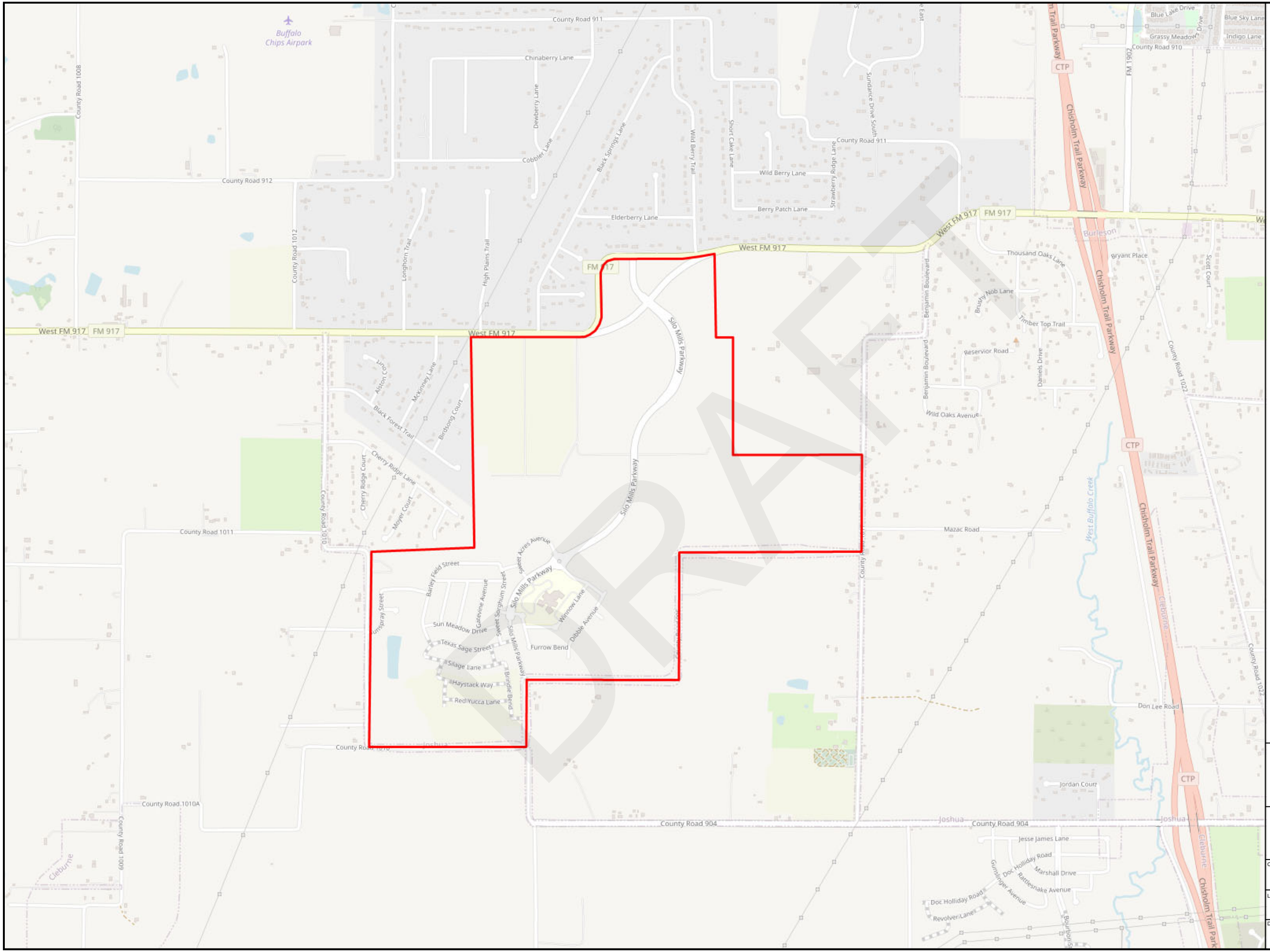
Field Survey Locations - Silo Mills				
Map ID	**Field ID**	**Latitude**	**Longitude**	**Field Reading (mR/hr)**
241	L46	32.44193265	-97.44848839	0.030
242	L47	32.44236131	-97.44839901	0.030
243	L48	32.44229276	-97.44792515	0.048
244	L49	32.44235374	-97.44726245	0.030
245	L50	32.44230218	-97.44666821	0.048
246	L51	32.44225045	-97.44601824	0.024
247	L52	32.44230356	-97.44538976	0.024
248	L53	32.44236554	-97.44464584	0.018
249	L54	32.44288749	-97.44462775	0.030
250	L55	32.44295851	-97.44517966	0.036
251	L56	32.44294375	-97.44579789	0.036
252	L57	32.44302099	-97.44655449	0.042
253	L58	32.44294337	-97.44709865	0.030
254	L59	32.44292448	-97.44785521	0.030
255	L60	32.44352689	-97.44771688	0.030
256	L61	32.44342543	-97.44723766	0.024
257	L62	32.44344011	-97.44660523	0.048
258	L63	32.44344559	-97.44597505	0.042
259	L64	32.44341197	-97.4452861	0.030
260	L65	32.44345806	-97.44469791	0.030
261	L66	32.44399048	-97.44466301	0.024
262	L67	32.44404085	-97.44527098	0.024
263	L68	32.44404549	-97.44588514	0.048
264	L69	32.44401135	-97.44657551	0.036
265	L70	32.44405039	-97.44717477	0.030
266	L71	32.44459724	-97.44711117	0.030
267	L72	32.44449044	-97.44658758	0.036
268	L73	32.44451966	-97.44595727	0.030
269	L74	32.44453084	-97.4453412	0.036
270	L75	32.44457772	-97.44476581	0.024
271	L76	32.44501396	-97.44463569	0.024
272	L77	32.44510696	-97.44519893	0.024
273	L78	32.44510997	-97.44588626	0.030
274	L79	32.44515913	-97.44657382	0.024
275	L80	32.44511371	-97.44716921	0.024
276	L81	32.44519787	-97.4478068	0.042
277	L82	32.44515512	-97.44840548	0.030
278	L83	32.44515396	-97.44895071	0.024
279	L84	32.44512656	-97.44966635	0.030
280	L85	32.44468553	-97.45000611	0.030

Table 2
Field Survey Points
Silo Mills
W. FM 917, Joshua, Texas 76058

Field Survey Locations - Silo Mills				
Map ID	**Field ID**	**Latitude**	**Longitude**	**Field Reading (mR/hr)**
281	L86	32.44450114	-97.44916268	0.030
282	L87	32.44445267	-97.44847628	0.036
283	L88	32.44451099	-97.44786259	0.042
284	L89	32.44401236	-97.44792803	0.036
285	L90	32.4402847	-97.45941243	0.024
286	L91	32.44060691	-97.45943035	0.018
287	L92	32.44113638	-97.45934862	0.024
288	L93	32.44172048	-97.45927268	0.024
289	L94	32.44177842	-97.458861	0.018
290	L95	32.4423038	-97.45885543	0.030
291	L96	32.44279247	-97.45876001	0.024
292	L97	32.44353893	-97.45889976	0.018
293	L98	32.44298924	-97.4594301	0.018
294	L99	32.44245813	-97.45954902	0.018
295	L100	32.44130458	-97.4588641	0.036
296	L101	32.44068928	-97.45889717	0.036
297	L102	32.44009855	-97.45888201	0.030

Minimum	0.006	mR/hr
Maximum	0.054	mR/hr
Median	0.024	mR/hr
Average	0.026	mR/hr

FIGURES



LEGEND:

Development Boundary

N

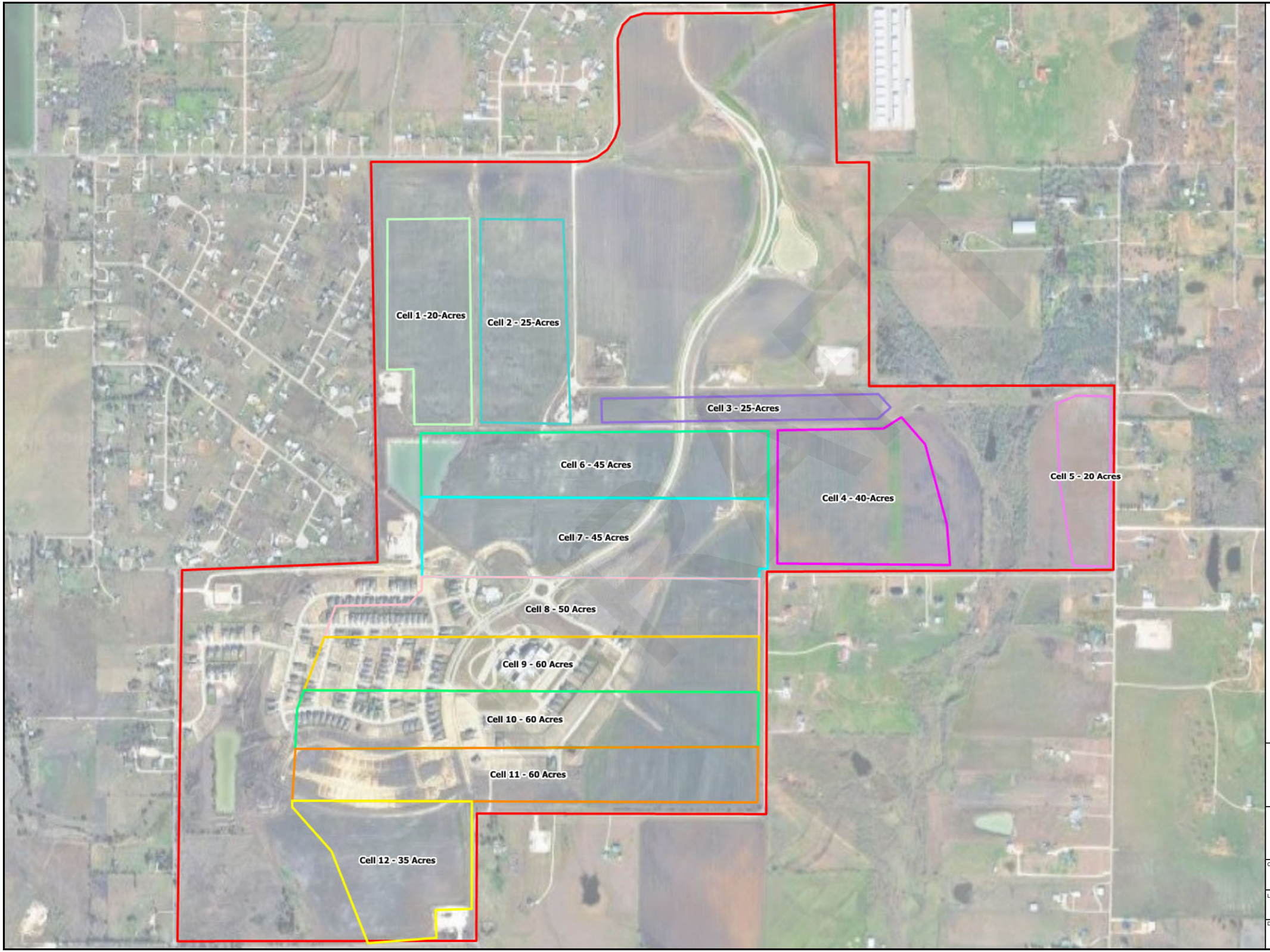
0 1500 3000

Approximate Scale (Feet)

UES

Site Location Map

CLIENT: King & Spalding, LLP		PM: TA
LOCATION: W. FM 917 Joshua, Texas 76058		DESIGNED: TA
DETAILED: 2/21/2026	PROJECT NO: A26183.00091.000	FIGURE: 1



LEGEND:

- Development Boundary
- Cell 1
- Cell 2
- Cell 3
- Cell 4
- Cell 5
- Cell 6
- Cell 7
- Cell 8
- Cell 9
- Cell 10
- Cell 11
- Cell 12

N

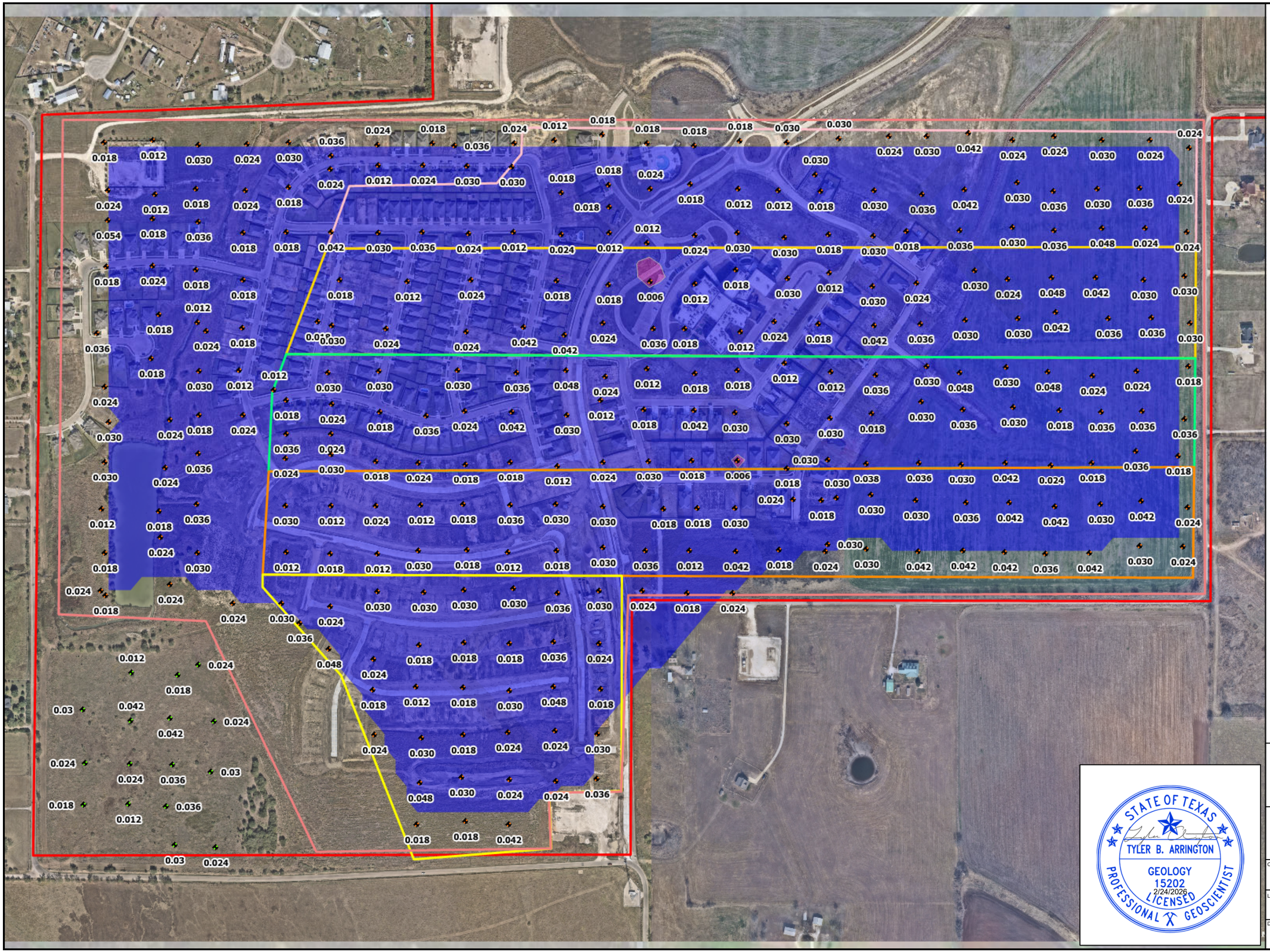
0 800 1600

Approximate Scale (Feet)

UES

Cell Location Overlay

CLIENT: King & Spalding, LLP		PM: TA
LOCATION: W. FM 917 Joshua, Texas 76058		DESIGNED: TA
DETAILED: 2/21/2026	PROJECT NO: A26183.00091.000	FIGURE: 2



LEGEND:

- Development Boundary
- AOI 1 – NORM Assessment Area
- Background Area
- Cell 8
- Cell 9
- Cell 10
- Cell 11
- Cell 12
- Screening Location (mR/hr)
- Background Screening Location (mR/hr)

Field Readings

100
10
1
0.1
0.01
0.001
(mR/hr)

N

0 400 800

Approximate Scale (Feet)

STATE OF TEXAS
TYLER B. ARRINGTON
GEOLOGY
15202
2/24/2026
LICENSED
PROFESSIONAL GEOSCIENTIST

UES

Survey Locations With Heatmap Overlay (South Zone)

CLIENT: King & Spalding, LLP		PM: TA
LOCATION: W. FM 917 Joshua, Texas 76058		DESIGNED: TA
DETAILED: 2/21/2026	PROJECT NO: A26183.00091.000	FIGURE: 3

LEGEND:

- Development Boundary
- Screening Location

Field Readings

100
10
1
0.1
0.01
0.001
(mR/hr)

N

0 200 400

Approximate Scale (Feet)

STATE OF TEXAS
TYLER B. ARRINGTON
GEOLOGY
15202
2/24/2026
LICENSED
PROFESSIONAL GEOSCIENTIST

UES

Survey Locations With Heatmap Overlay (North Zone)

CLIENT: King & Spalding, LLP		PM: TA
LOCATION: W. FM 917 Joshua, Texas 76058		DESIGNED: TA
DETAILED: 2/21/2026	PROJECT NO: A26183.00091.000	FIGURE: 4

ATTACHMENT 1

FIELD METER SPECIFICATIONS

RADIATION ALERT® Ranger EXP

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The Ranger EXP offers maximum performance in a light-weight, rugged solution for using your survey meter in the field. The small, handheld unit offers excellent sensitivity to low levels of alpha, beta, gamma, and x-rays. The digital readout is displayed with a red count light and a beeper sounds with each count detected. Other features include an adjustable timer, selectable alert.

Free Observer USB Software
Free Observer BLE Software For Use
With The Optional Bluetooth Module

Detector

RAP-RS2 Probe - External Halogen-quenched, un-compensated GM tube with thin mica window, 1.4-2.0 mg/cm2 areal density. Effective diameter of window is 45 mm (1.75 in.).

Operating Range

mR/hr - .001 to 100 CPM - 0 to 350,000
µSv/hr - .01 to 1000 CPS - 0 to 5,000
Timed Count - 1 to 9,999K (9,999,000) counts

Energy Sensitivity

3340 CPM/mR/hr referenced to Cs137

- Detects Alpha down to 2 MeV.
- Detects Beta down to .16 MeV; typical detection efficiency at 1 MeV is approx. 25%.
- Detects Gamma down to 10 KeV through the tube window.
- Smallest detectable level for I125 is .02 µCi at contact.

Built-In Efficiencies

^{35}Sulfur (S35), ^{90}Strontium (Sr/y90), ^{137}Cesium (Cs137), ^{32}Phosphorus (P32), ^{14}Carbon (C14), ^{131}Iodine (I131), ^{60}Cobalt (Co60), and Alpha

Accuracy

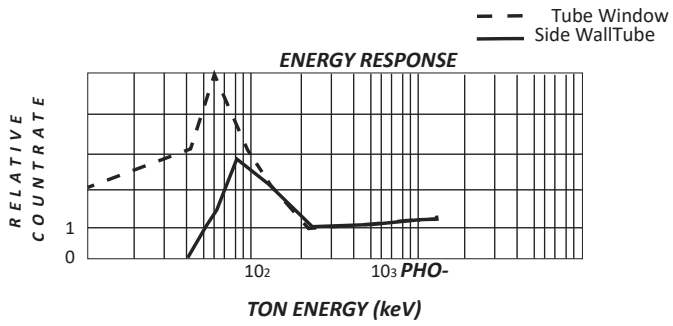
(Referenced to Cs137) Typically ±15% from factory, ±10% with NIST Source Calibration

Display

Graphic LCD with Backlight

Alert Set Range

mR/hr .001 - 100 and CPM 1 - 350,000



RADIATION ALERT®
by S.E. INTERNATIONAL, INC.
Reliable Radiation Detection Solutions
radiationinfo@seintl.com www.seintl.com 1.931.964.3561

RADIATION ALERT® Ranger EXP

Count Light
Red LED flashes with each radiation event

Audio Indicator
Internally mounted beeper. 70db @ 1m. (Can be switched off for silent operation.)

Size
Base Unit: 140 X 68 X 33 mm (5.5 X 2.7 X 1.3 in.)
Probe: 260 X 70 X 25 mm (10.25 X 2.75 X 1 in)
Cable Length: 3’

Outputs
USB and Bluetooth 4.1 (Optional) with included Observer Software Family for PC and Android OS.

Anti-Saturation
Meter will hold at full scale in fields as high as 100 times the maximum reading.

Power Requirements
Two AA alkaline batteries. Approx. 800 hrs @ background.

Temprerature Range
-10° to +50°C (14° to 122°F)

Includes
RAP-RS2 External GM Probe, 3ft BNC Cable, Carrying Case, Xtreme Boot, Stand, Batteries, MiniUSB Cable, Observer USB Software Download , Certificate of Conformance

Options
NIST Calibration
Bluetooth module available for use with Obsever BLE software and CBRN Responder

Limited Warranty
1 year limited warranty

RADIATION ALERT®
by S.E. INTERNATIONAL, INC.
Reliable Radiation Detection Solutions
radiationinfo@seintl.com www.seintl.com 1.931.964.3561