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7 Introduced May 14, 1991 by  
8 Councilman Washington, seconded  
9 by Councilman Berault (both by  
10 request of Administration)  
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12 Item No. 91-01-1490  
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15 **ORDINANCE NO. 2380**  
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17  
18 An ordinance amending Appendix A-Zoning, Part 2.  
19 Schedule of District Regulations Adopted, Section 2.19. M-1  
20 Planned Industrial District, of the Code of Ordinances of the City  
21 of Slidell.  
22

23 NOW THEREFORE BE IT ORDAINED by the Slidell City Council  
24 that Appendix A-Zoning, Part 2. Schedule of District Regulations  
25 Adopted, Section 2.19. M-1 Planned Industrial District, is hereby  
26 amended as follows:  
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31 Section 2.19. M-1 Planned Industrial District., delete the  
32 first paragraph of this section including the list of  
33 permitted uses.  
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37 Section 2.1901. Environmental standards. Delete the first  
38 paragraph beginning with "Environmental Standards. Users  
39 shall..." and ending with the words "... six (6) feet in  
40 height.", and replace with the following language:  
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45 **"SECTION 2.1901 ENVIRONMENTAL STANDARDS.**  
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47 **(A) PURPOSE:** It is the intent of these regulations to  
48 prevent land or structures, including those permitted by  
49 right or conditional use, from being used, or occupied  
50 in any manner so as to create any dangerous, injurious,  
51 noxious or otherwise objectionable fire, explosive,  
52 radioactive or other hazardous condition; noise, or  
53 vibration; smoke, dust, odor or other form of air  
54 pollution; electrical or other disturbance; or other  
55 substance, condition or elements in a manner or amount  
56 as to adversely effect the surrounding area.  
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59 **(B) OTHER REGULATIONS:** Compliance with the requirements of  
60 this Section shall not be interpreted as authorizing any  
61 practice or operation which would constitute a violation  
62 of any other applicable statute, ordinance, rule or  
63 regulation. Where these regulations conflict with other  
64 regulations, the more stringent regulation shall apply.  
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13 **(C) ADMINISTRATION AND ENFORCEMENT:** All uses established in  
14 all districts shall conform in operation, to the  
15 performance standards herein specified.

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19 **(1)** The operator of a proposed use which has been  
20 determined will not comply with the standards  
21 contained in Section 2.1901 may file an appeal with  
22 the Board of Zoning Adjustments (BZA). The BZA in  
23 making its decision may require certain engineering  
24 and environmental analysis of the proposed operation  
25 by an independent consulting firm. The cost of such  
26 reviews shall be born by the applicant.

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35 **(2)** Where a determination has been made that an existing  
36 use is in violation of the standards contained in  
37 Section 2.1901, the operator may file an appeal with  
38 the BZA. Such appeal shall be made on forms  
39 obtained from the Planning Department and shall be  
40 filed with the Planning Department within ten (10)  
41 days of receiving a notice of violation from the  
42 City ordering all illegal operations to cease or be  
43 brought into compliance with the standards of the  
44 Zoning Ordinance. The BZA in making its decision  
45 may require certain engineering and environmental  
46 analysis of the operation by an independent  
47 consulting firm. The cost of such reviews shall be  
48 born by the applicant.

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55 **(D) NOISE:**

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59 **(1) Definitions:** The following words and phrases, when  
60 used in this section shall have the meanings  
61 respectively ascribed to them:

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65 **(a) A weighted sound level** means the sound level in  
66 decibels as measured on a sound level meter  
67 using the A weighting network. The level so  
68 read is designated db (A) or dBA.  
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13 (b) **Construction** means any site preparation,  
14 assembly, erection, substantial repair,  
15 alteration, or similar action, including  
16 demolition, for public or private rights-of-  
17 way, structures, utilities, or similar action.  
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23 (c) **Decibels (dB)** means a unit for measuring the  
24 volume of a sound, equal to twenty (20) times the  
25 logarithm to the base ten (10) of the ratio of  
26 the pressure, which is twenty (20) micropascals  
27 twenty (20) micronewtons per square meter.  
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33 (d) **Demolition** means any dismantling, intentional  
34 destruction or removal of structures, utilities,  
35 public or private rights-of-way, surfaces or  
36 similar property.  
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41 (e) **Emergency** means any occurrence or set of  
42 circumstances involving actual or imminent  
43 physical trauma or property damage which  
44 demands immediate action.  
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49 (f) **Emergency work** means any work performed for the  
50 purpose of preventing or alleviating the  
51 physical trauma or property damage threatened or  
52 caused by an emergency.  
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57 (g) **Gross vehicle weight rating (GVWR)** means the  
58 value specified by the manufacturer as the  
59 recommended maximum loaded weight of a single  
60 motor vehicle. In cases where trailers and  
61 tractors are separable, the gross combination  
62 weight rating (GCWR), which is the value  
63 specified by the manufacturer as the recommended  
64 maximum load weight of the combination vehicle,  
65 shall be used.  
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13 (h) **Impulsive sound** means sound of short duration  
14 usually less than one second, with an abrupt on-  
15 set and rapid decay. Examples of sources of  
16 impulsive sound include explosions, drop forge  
17 impacts, and the discharge of firearms.  
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19 (i) **Motor carrier vehicle engaged in interstate**  
20 apply pursuant to Section 18 of the Federal  
21 Noise Control Act of 1972 (P.L. 92-574) as  
22 amended, pertaining to motor carriers engaged in  
23 interstate commerce.  
24

25 (j) **Motor vehicle** means any vehicle which is  
26 propelled or drawn on land by motor, such as but  
27 not limited to passenger cars, trucks, truck-  
28 trailers, semi-trailers, campers, go-carts,  
29 amphibious crafts on land, dune buggies, or  
30 racing vehicles, but not including motorcycles.  
31

32 (k) **Motorboat** means any vessel which operates on  
33 water and which is propelled by a motor,  
34 including but not limited to boats, barges,  
35 amphibious craft, jet ski, towing devices and  
36 hover craft.  
37

38 (l) **Motorcycle** means an unenclosed motor vehicle  
39 having a saddle for the use of the operator and  
40 two (2) or more wheels in contact with the  
41 ground, including but not limited to motor  
42 scooters and minibikes.  
43

44 (m) **Muffler or sound dissipative device** means a  
45 device for abating the sound or escaping gases  
46 of an internal-combustion engine.  
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48 (n) **Noise** means any sound which annoys or disturbs  
49 humans or which causes or tends to cause an  
50 adverse psychological effect on humans.  
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13 (o) **Noise disturbance** means any sound which:

14 (1) Endangers or injures the safety or health  
15 of humans or animals; or

16 (2) Annoys or disturbs a reasonable person's  
17 normal sensitivities; or

18 (3) Endangers or injures personal or real  
19 property.  
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21 (p) **Noise sensitive zone** means any area designated  
22 for the purpose of ensuring exceptional quiet.  
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24 (q) **Person** means any individual, association,  
25 partnership or corporation, and includes any  
26 officer, employee, department, agency or  
27 instrumentality of a state or any political  
28 subdivision of a state.  
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30 (r) **Powered model vehicle** means any self-propelled  
31 airborne, waterborne or landborne plane, vessel  
32 or vehicle which is designed not to carry  
33 persons, including but not limited to any model  
34 airplane, boat, car, rocket.  
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36 (s) **Property line** means an imaginary line along a  
37 ground surface, and its vertical extension which  
38 separates the real property owned by one person  
39 from that owned by another person, but not  
40 including intrabuilding real property divisions.  
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42 (t) **Public right-of-way** means any street, avenue,  
43 boulevard, highway, sidewalk, or alley or  
44 similar place which is owned or controlled by a  
45 government entity.  
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47 (u) **Public space** means any real property or  
48 structure thereon which is owned or controlled  
49 by a governmental entity.  
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13 (v) **Pure tone** means sound which can be distinctly  
14 heard as a single pitch or a set of single  
15 pitches and for the purpose of this section a  
16 pure tone shall exist if the one-third octave  
17 band sound pressure level in the band when the  
18 tone exceeds the arithmetic average of the sound  
19 pressure levels of the two (2) contiguous  
20 one-third octave bands five (5) dB for center  
21 frequencies of five hundred (500) Hz and above  
22 by eight (8) dB for center frequencies between  
23 one hundred sixty (160) and four hundred (400)  
24 Hz and by fifteen (15) dB for center frequencies  
25 less than or equal to one hundred twenty-five  
26 (125) Hz.  
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29 (w) **Sound** means an oscillation in pressure, particle  
30 displacement, particle velocity or other  
31 physical parameter, in a medium with internal  
32 forces that causes compression and rarefaction of  
33 the medium. The description of sound may include  
34 any characteristic of such sound, including  
35 direction, intensity and frequency.  
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37 (x) **Sound level** means the weighted sound pressure  
38 level obtained by the use of a sound level meter  
39 and frequency weighting network such as A, B, or  
40 C as specified in American National Standards  
41 Institute specifications for sound level meters  
42 (ANSI SI 4-1971) of the latest approved revisions  
43 thereof. If the frequency weighting employed  
44 is not indicated, the A-weighting shall apply.  
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46 (y) **Sound level meter** means an instrument which  
47 includes a microphone, amplifier, RMS detector,  
48 integrator or time averager, output meter, and  
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13 weighting networks used to measure sound pressure  
14 levels.  
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17 **(z) Sound pressure** means the instantaneous  
18 difference between the actual pressure and the  
19 average barometric pressure at a given point in  
20 space, as produced by sound energy.  
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25 **(aa) Sound pressure level** means twenty (20) times  
26 the logarithm to the base ten (10) of the ratio  
27 of the RMS sound pressure to the reference  
28 pressure of twenty (20) micropascals ( $20 \times 10.6$   
29  $N/n^2$ ). The sound pressure level is denoted L,  
30 or SPL and is expressed in decibels.  
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35 **(bb) Terminology** means all terminology used in this  
36 section, not defined herein, shall be in  
37 conformance with applicable publications of the  
38 American National Standards Institute (ANSI) or  
39 its successor body.  
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44 **(cc) Vibration** means an oscillatory motion of solid  
45 bodies of deterministic or random nature  
46 described by displacement, velocity or  
47 acceleration with the respect to a given  
48 reference point.  
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53 **(dd) Weekday** means any day Monday thru Friday which  
54 is not a legal holiday.  
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61 **(2) Enforcement:**  
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63 **(a) Prima facie evidence of a violation:** Evidence  
64 establishing that an activity is causing or has  
65 caused the permissible sound level to be  
66 exceeded, shall be deemed to be prima facie  
67 evidence of a violation of this section. Sound  
68 level measurements shall be taken in procedures  
69 as outlined in subsection (b-2).  
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13 (b) Procedure and measurements: Sound level

14 measurements shall be made with a properly  
15 calibrated sound level meter using the weighted  
16 network in accordance and conformance with noise  
17 measurement standards based on the referenced  
18 sound pressure, promulgated by the American  
19 National Standard Institute and Testing  
20 Procedures (ANSI). The sound level measurement  
21 shall be taken at the point on the receiving  
22 property which is closest to the source of sound  
23 on the producing property and where practical  
24 not less than five (5) feet above ground level,  
25 but in no event less than three (3) feet above  
26 ground. A minimum of three (3) readings shall  
27 be taken at two (2) minute intervals. The sound  
28 level shall be the average of these readings.  
29 In the case of two-family or multi-family  
30 dwellings, the sound level shall be measured  
31 within an adjacent intra-building dwelling.  
32 When a noise source can be identified and its  
33 noise measured in more than one land use  
34 category, the limits of the more restrictive use  
35 shall apply at the boundary and within the most  
36 restrictive land use category.  
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61 (3) Prohibitions:

62 (a) Maximum permissible sound levels by receiving

63 land use: No person shall operate or cause to  
64 be operated on private property, any source of  
65 sound in such a manner as to create a sound  
66 level which exceeds the limits as established in  
67 the following table in accordance with the time  
68 of day and zoning applicable to the receiving  
69 land use category as follows:  
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12 SOUND LEVELS BY RECEIVING LAND USE  
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<u>Receiving Land Use Category</u>	<u>Time</u>	<u>Sound Level Limit dBA</u>
Industrial	At all times	85 dBA
Commercial	7:00 a.m. - 10:00 p.m. 10:00 p.m. - 7:00 a.m.	75 dBA 65 dBA
Residential	7:00 a.m. - 10:00 p.m. 10:00 p.m. - 7:00 a.m.	70 dBA 65 dBA
Two-family or Multi-family/ intra dwelling	7:00 a.m. - 10:00 p.m. 10:00 p.m. - 7:00 a.m.	60 dBA 50 dBA

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31 **(b) Places of public entertainment:** In a place of  
32 public entertainment, it shall be unlawful for  
33 any person to sing or play a musical instrument  
34 individually or as a member or participant in  
35 any singing or musical instrument group or band  
36 with or without a phonograph, tape recording,  
37 loud speaker, sound amplifier or other instrument,  
38 machine or device, between 11:00 p.m. and 7:00  
39 a.m. or to make or continue with any loud,  
40 unnecessary or unusual noise, including the  
41 singing or playing of music which either annoys,  
42 disturbs, injures or endangers the comfort,  
43 repose, health, peace or safety of others within  
44 the City of Slidell. If the sound or noise is  
45 plainly audible at a distance of one hundred  
46 (100) feet of the building, structure or vehicle  
47 in which it is located, it shall be prima facie  
48 evidence of a violation of this subsection.  
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58 **(c) Maximum permissible sound levels by motor**  
59 **vehicles:** No person shall operate or cause to  
60 operate any motor vehicle on a public street in  
61 such a manner that the sound level emitted there-  
62 from exceeds eighty-five (85) dBA on one (1)  
63 measured reading from the curb of the street.  
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13 The provisions of subsection (2)(b) shall not  
14 apply to measurements taken to enforce this  
15 section.  
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19 **(d) Noise sensitive zones:** It shall be unlawful  
20 for any person to create any noise which exceeds  
21 the sound level of fifty (50) dBA as measured  
22 within twenty (20) feet from the exterior wall  
23 of a public school between the hours of 7:00  
24 a.m. and 4:00 p.m. on weekdays when school is in  
25 session.  
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29 **(e) Recreational motorized vehicles operating off**  
30 **public rights-of-way:** No person shall operate  
31 or cause to operate any recreational motorized  
32 vehicle on a public right-of-way or on private  
33 property in such a manner that the sound level  
34 emitted therefrom exceeds forty (40) dBA at or  
35 across the boundary of any private property  
36 receiving the noise. This section shall apply  
37 to all recreational motorized vehicles, whether  
38 or not fully licensed and registered, including  
39 but not limited to commercial or noncommercial  
40 racing vehicles, motorcycles, go-carts, and  
41 minibikes.  
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59 **(E) VIBRATION:**  
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61 **(1) Limits:** Any industrial operation or activity  
62 which causes at any time and at any point along  
63 the nearest adjacent lot line earthborne  
64 vibrations in excess of the limits set forth in  
65 Chart I is prohibited. In addition, any  
66 industrial operation or activity which causes at  
67 any time and at any point along a residential  
68 district boundary line earthborne vibrations in  
69 excess of the limits set forth in Chart II is  
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12 prohibited. Vibration shall be expressed as  
13 displacement in inches or centimeters, and  
14 shall be measured with a system approved by the  
15 City Engineer.  
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22 CHART I  
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<u>Frequency</u> <u>(cycles per second)</u>	<u>Displacement</u>	
	<u>(Inches)</u>	<u>(Centimeters)</u>
0 to 10	.0008	.0020
10 to 20	.0005	.0013
20 to 30	.0002	.0005
30 to 40	.0002	.0005
40 & Over	.0001	.0003

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35 CHART II  
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<u>Frequency</u> <u>(cycles per second)</u>	<u>Displacement</u>	
	<u>(Inches)</u>	<u>(Centimeters)</u>
0 to 10	.0004	.0010
10 to 20	.0002	.0005
20 to 30	.0001	.0003
30 to 40	.0001	.0003
40 & Over	.0001	.0003

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48 (F) SMOKE AND PARTICULATE MATTER:  
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50 (1) Changes: Any prohibited use lawfully  
51 established prior to the effective date of this  
52 code shall be permitted to be altered, or  
53 modified, provided that sources of smoke or  
54 particulate matter conform to the performance  
55 standards established hereinafter. The total  
56 emission weight of particulate matter from all  
57 sources within the boundaries of the lot shall  
58 not exceed the net amount permitted after such  
59 alteration, or modification.  
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69 (2) Public Welfare: In addition to the performance  
70 standards specified hereinafter, the emission of  
71 smoke or particulate matter in such manner or  
72 quantity as to be detrimental to or endanger the  
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13 public health, safety, comfort, or welfare is  
14 declared to be a public nuisance and shall be  
15 unlawful.  
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19 **(3) Chart:** For the purpose of grading the density  
20 of smoke, the Ringelmann Chart, published and  
21 used by the United States Bureau of Mines, shall  
22 be employed. The emission of smoke or  
23 particulate matter of a density greater than one  
24 (1) on the Ringelmann Chart is prohibited at all  
25 times, except as otherwise provided hereinafter.  
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29 **(4) Total:** The emission, from all sources within any  
30 lot area, of particulate matter containing more  
31 than ten percent (10%) by weight of particles  
32 having particle diameter larger than forty-  
33 four (44) microns is prohibited.  
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37 **(5) Dust:** Dust and other types of air pollution  
38 borne by the wind from such sources as storage  
39 areas, yards, roads, and so forth within lot  
40 boundaries shall be kept to a minimum by  
41 appropriate landscaping, paving, or other  
42 acceptable means. Emission of particulate  
43 matter from such sources in excess of the weight  
44 limitations specified hereinafter for the  
45 district in which such use shall be located is  
46 prohibited.  
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50 **(6) Smoke:** The emission of more than ten (10) smoke  
51 units per hour per stack is prohibited,  
52 including smoke of a density in excess of  
53 Ringelmann No. 1. However, once during any six  
54 (6) hour period, each stack may emit up to  
55 twenty (20) smoke units, not to exceed  
56 Ringelmann No. 1 when blowing soot or cleaning  
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13 fires. Only during fire-cleaning periods,  
14 however, shall smoke of Ringelmann No. 2 be  
15 permitted, and then for not more than four (4)  
16 minutes per period.  
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21 **(7) Limits:** The rate of emission of particulate  
22 matter from all sources within the boundaries of  
23 any lot shall not exceed a net figure of one (1)  
24 pound (4.5 Kilograms) per acre (0.45 hectare) of  
25 lot area during any one (1) hour, after  
26 deducting from the gross hourly emission per  
27 acre (hectare) the correction factor set forth  
28 in the following table.  
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38 ALLOWABLE FOR HEIGHT OF EMISSION

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40 (INTERPOLATE FOR INTERMEDIATE VALUES NOT SHOWN IN TABLE)  
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Height of Emission Above Grade		Correction	
<u>Feet</u>	<u>Meters</u>	<u>1 lb/acre/hr</u>	<u>kgs/hectare/hr</u>
50	15.25	0.01	0.01
100	30.50	0.06	0.07
150	45.75	0.10	0.11
200	61.00	0.16	0.18
300	91.50	0.30	0.34
400	122.00	0.50	0.56

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55 **(8) Net Rate:** Determination of the total net rate of  
56 emission of particulate matter within the  
57 boundaries of any lot shall be made as follows:  
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60 **(a) Hourly Rate:** Determine the maximum emission  
61 in pounds (kilograms per hour from each source  
62 of emission and divide this figure by the  
63 number of acres (hectare) of lot area,  
64 thereby obtaining the gross hourly rate of  
65 emission in pounds per acre (kilograms per  
66 hectare).  
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13 (b) **Factor:** From each gross hourly rate of  
14 emission derived in (1) above, deduct the  
15 correction factor (interpolating as  
16 required) for the height of emission set  
17 forth in the table, thereby obtaining the  
18 net rate of emission in pounds per acre per  
19 hour (kilograms per hectare per hour) from  
20 each source of emission.  
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23 (c) **Total:** Add together the individual net  
24 rates of emission derived in (2) above to  
25 obtain the total net rate of emission from  
26 all sources of emission within the  
27 boundaries of the lot. Such total shall not  
28 exceed 1 pound per acre (1.13 kilograms per  
29 hectare) of lot area during any 1 hour.  
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33 (G) **TOXIC AND NOXIOUS MATTER:**  
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36 (1) **Discharge:** No activity or operation shall  
37 cause, at any time, the discharge of toxic or  
38 noxious matter across lot lines in such  
39 concentrations as to be detrimental to or  
40 endanger the public health, safety, comfort, or  
41 welfare or cause injury or damage to property or  
42 business.  
43  
44

45 (H) **ODOROUS OR HAZARDOUS EMISSION:**  
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47

48 (1) **Regulation:** Any condition or operation which  
49 results in the creation of odors or hazardous  
50 emission of such intensity and character as to  
51 be detrimental to the health and welfare of the  
52 public or which interferes unreasonably with the  
53 comfort of the public shall be removed, stopped  
54 or so modified as to remove such odors or  
55 emissions.  
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13 (2) **Odor Threshold:** No continuous, frequent, or  
14 repetitive emission of odors or odor-causing  
15 substances shall exceed the odor threshold at or  
16 beyond the bounding property line of the tract  
17 on which the odor emission is initiated. An  
18 odor emitted no more than once in any one (1)  
19 day for a period not exceeding fifteen (15)  
20 minutes shall not be deemed as continuous,  
21 frequent, or repetitive within the meaning of  
22 these regulations.  
23

24 (3) **Determination of Threshold:** The odor threshold  
25 as herein referred to shall be determined by  
26 observation by a person or persons. In any case  
27 where the owner or operator of an odor-emitting  
28 use or activity may disagree with the enforcing  
29 inspector where specific measurement of odor  
30 concentration is required, the method and  
31 procedures specified by the American Society for  
32 Testing Materials ASTM D 1391-57, entitled  
33 "Standard Method for Measuring Odors in  
34 Atmosphere", shall be used.  
35

36 (4) **Back-Up Safeguard System:** Any process which  
37 may involve the creation of hazardous emissions  
38 or noxious odors or which involves the use of  
39 hazardous or odorous gases and chemicals shall  
40 be provided with both a primary and secondary  
41 safeguard system to prevent leakage into the  
42 atmosphere.  
43

44 (I) **FIRE AND EXPLOSIVE HAZARDS:**

45 (1) **Incombustible Solids:** The storage,  
46 utilization, or manufacture of solid materials  
47 or products ranging from incombustible to  
48 moderate burning is permitted.  
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13 (J) GLARE:

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15 (1) **Glare from Operation:** No use in any district  
16 shall be operated so as to produce direct  
17 sky-reflected glare, or direct illumination,  
18 across the adjacent property line from a visible  
19 source of illumination of such intensity as to  
20 create a nuisance, or traffic hazard, or detract  
21 from the use or employment of adjacent property.  
22

23  
24 (2) **Permitted Illumination:** All permitted exterior  
25 lights, including signs, floodlights, parking  
26 lot lighting, street lights, and lighting  
27 necessary for the safety and protection of  
28 property, shall be made up of a light source and  
29 reflector so selected that acting together the  
30 light beam is controlled and not directed across  
31 any boundary line.  
32

33  
34 (3) **Residential Light Standards:** With the  
35 exception of street lights, all exterior  
36 lighting fixtures within or adjacent to  
37 residential districts shall be directed or  
38 shaded wherever necessary to prohibit the  
39 intensity of light to exceed one-half (1/2)  
40 footcandle as measured at any adjacent  
41 residential property line.  
42

43  
44 (4) **Commercial and Industrial Light Standards:**  
45 With the exception of street lights, all  
46 exterior lighting fixtures within commercial or  
47 industrial districts shall be directed and  
48 shaded wherever necessary to prohibit the  
49 intensity of light to exceed one (1) footcandle  
50 as measured at any adjacent property line.  
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13           **(a) Hours of Operation:** Lighting of parking or  
14 loading areas shall, except for emergency or  
15 safety lighting, cease at or before the hour  
16 of midnight when these areas face a  
17 residential district where the distance from  
18 the nearest light to the nearest residence  
19 is less than one thousand (1,000) feet  
20 (305.00 meters), except in those instances  
21 in which a business establishment is open  
22 and business is being conducted after  
23 midnight.  
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35           **(5) Blinking or Intermittent Lights:** No exterior  
36 lights that blink or shine with an intermittent  
37 phase are permitted in any district, except as  
38 part of Christmas decorations.  
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43 **(K) HEAT:**  
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45           **(1) Emissions or Transmission:** No use or activity  
46 in any district shall be so operated that it  
47 emits or transmits heat or heated air or water  
48 so as to be discernible at or beyond the  
49 property line of the lot on which it is located.  
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55 **(L) LIQUID AND SOLID WASTE:**  
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57 All discharges shall be in conformance with EPA and  
58 DEQ.  
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61 **(M) RADIOACTIVE MATERIALS:**  
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63           **(1) Emission:** No activity shall be permitted which  
64 emits dangerous radioactivity beyond enclosed  
65 areas or boundary lines of the parcel on which  
66 it is located.  
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13 (2) **Handling, Discharge, and Disposal:** The  
14 handling of radioactive materials, the discharge  
15 of such materials into air and water, and the  
16 disposal of radioactive wastes shall be in  
17 conformance with:  
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22 (a) The applicable regulations of the Nuclear  
23 Regulatory Commission; and  
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26 (b) The applicable regulations of  
27 instrumentation of the U.S. Environmental  
28 Protection Agency and Louisiana Department  
29 of Environmental Quality.  
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35 (N) **ELECTROMAGNETIC RADIATION:**  
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37 (1) **Planned or Intentional Sources:** It shall be  
38 unlawful to operate or cause to be operated any  
39 source of electromagnetic radiation for such  
40 purposes as communication, experimentation,  
41 entertainment, broadcasting, heating,  
42 navigation, therapy, vehicle velocity  
43 measurement, weather survey, aircraft detection,  
44 topographical survey, personal pleasure of any  
45 other use directly or indirectly associated with  
46 these purposes which does not comply with the  
47 then current regulations of the Federal  
48 Communications Commission regarding such sources  
49 of electromagnetic radiation.  
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63 (a) **Abnormal Degradation:** Such operation, even  
64 when in compliance with the Federal  
65 Communications Commission regulations, shall  
66 be unlawful if such radiation causes an  
67 abnormal degradation in performance of other  
68 electromagnetic radiators or electromagnetic  
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13 receptors of quality and proper design  
14 because of proximity, primary field,  
15 blanketing, spurious re-radiation, harmonic  
16 content, modulation or energy conducted by  
17 power or telephone lines.  
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23 **(b) Determination:** The determination of  
24 "abnormal degradation in performance" and  
25 "of quality and proper design" shall be  
26 made in accordance with good engineering  
27 practices as defined in the latest  
28 principles and standards of the American  
29 Institute of Electrical Engineers, the  
30 Institute of Radio Engineers, and Electronic  
31 Industrial Association.  
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41 **(c) Conflicts in Standards:** In case of any  
42 conflict between the latest standards and  
43 principles of the above groups, the  
44 following precedence in the interpretation  
45 of the standards and principles shall apply:  
46  
47 (i) American Institute of Electrical Engineers;  
48 (ii) Institute of Radio Engineers; and  
49 (iii) Electronic Industries Association.  
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57 **(2) Unplanned Electromagnetic Interference:** It  
58 shall be unlawful to operate or to cause to be  
59 operated any source of electromagnetic  
60 interference, the radiation or transmission from  
61 which exceeds the maximum values tabulated  
62 below:  
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BY RADIATION

<u>Section of Electromagnetic Spectrum (from - to)</u>	<u>Primary Intended Service</u>	<u>Maximum Field Strength at Edge of Property Containing Interference Source</u>
10 - Kilocycles 100 Kc	Communications Service	500 Microvolts/Meter
100 Kc - 535 Kc	Navigational Aids	300 Microvolts/Meter
535 Kc - 1605 Kc	AM Broadcasting	200 Microvolts/Meter
1605 Kc - 44 Mega- cycles	Various Communica- tions Services	200 Microvolts/Meter
44 Mc - 88 Mc	VHF Television	150 Microvolts/Meter
88 Mc - 174 Mc	FM Broadcasting Airport Control	200 Microvolts/Meter
174 MC - 216 Mc	VHF Television	150 Microvolts/Meters
216 Mc - 580 Mc	Navigational Aids Citizens Radio	250 Microvolts/Meter
580 Mc - 920 Mc	UHF Television	300 Microvolts/Meter
920 Mc - 30,000 Mc	Various	500 Microvolts/Meter

BY TRANSMISSION OR CONDUCTION

<u>Section of Electromagnetic Spectrum (from - to)</u>	<u>Primary Intended Service</u>	<u>Maximum Voltage Measured Line to Line to Ground Where Power or Telephone Lines Cross Edge of Property Containing Interference Source</u>
10 - Kilocycles 100 Kc	Communications Service	2.50 Millivolts
100 Kc - 535 Kc	Navigational Aids	1.50 Millivolts
535 Kc - 1605 Kc	AM Broadcasting	1.00 Millivolts
1605 Kc - 44 Mega- cycles	Various Communica- tions Services	0.50 Millivolts
44 Mc - 88 Mc	VHF Television	0.25 Millivolts
88 Mc - 174 Mc	FM Broadcasting Airport Control	1.50 Millivolts
174 MC - 216 Mc	VHF Television	0.15 Millivolts
216 Mc - 580 Mc	Navigational Aids	5.00 Millivolts
580 Mc - 920 Mc	UHF Television	20.00 Millivolts
920 - 30,000 Mc	Various	150.0 Millivolts

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13 **(a) Method of Measurement:** For the purpose of  
14 determining the level of radiated  
15 electromagnetic interference, standard field  
16 strength measuring techniques shall be  
17 employed. The maximum value of the  
18 tabulation shall be considered as having  
19 been exceeded if, at any frequency in the  
20 section of the spectrum being measured, the  
21 measured field strength exceeds the maximum  
22 value tabulated for this spectrum section.


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33 **(b) Power and Telephone Lines:** For purposes of  
34 determining the level of electromagnetic  
35 interference transmitted or conducted by  
36 power or telephone lines, a suitable,  
37 tunable, peak reading, radio frequency  
38 voltmeter shall be used. This instrument  
39 shall, by means of appropriate isolation  
40 coupling, be alternately connected from line  
41 to line and from line to ground during the  
42 measurement. The maximum value of the  
43 tabulation shall be considered as having  
44 been exceeded if, at any frequency in the  
45 section of the spectrum being measured, the  
46 measured peak voltage exceeds the maximum  
47 value tabulated for this spectrum section."  
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63 **(c) OUTDOOR STORAGE AREAS:**

64 All outdoor storage areas shall be entirely enclosed  
65 within a continuous fence or wall constructed of solid  
66 material that is non-transparent, opaque and cannot be  
67 seen through. Said enclosures must be a uniform height  
68 of at least six (6) feet, and any gate in the enclosure  
69 shall also be constructed of non-transparent material of  
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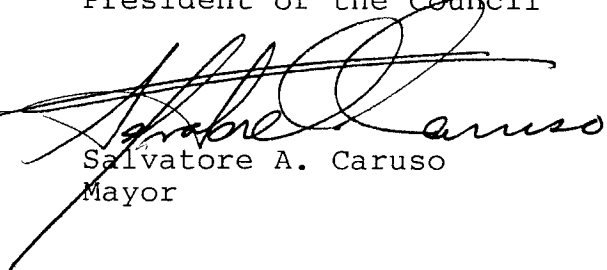
13 at least six (6) feet in height and be kept closed at  
14 all times except when ingress and egress is being made  
15 to or from the storage space. No materials, equipment,  
16 supplies or other form of tangible personal property  
17 shall at any time be placed, stored, or kept within the  
18 storage space so as to exceed the height of the fence or  
19 wall constituting the enclosure, or so as to be visible  
20 to persons and members of the public who may walk or  
21 travel in motor vehicles adjacent to the enclosure.  
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33 ADOPTED this 14th day of May, 1991.

34   
35  
36 Lionel J. Washington  
37 Councilman, District A  
38 President of the Council

39 DELIVERED 5/16/91 9:30 A.M.  
40 to the Mayor

41 RECEIVED 5/22/91 8:45 A.M.  
42 from the Mayor

43   
44 Salvatore A. Caruso  
45 Mayor

46 

47 Davis Dautreuil  
48 Council Administrator/Clerk of the Council  
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