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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6 1445 ROSS AVENUE, SUITE 1200 DALLAS, TX 75202-2733

DEC 0 6 2010

(2) 11/02/10 75 FR 67406

2019 050 16 PM 12 12

RULES AND DIRECTIVES

Ryan Whited, Chief Environmental Projects Branch 2 Division of Site and Environmental Reviews Office of New Reactors U.S. Nuclear Regulatory Commission Washington, D.C. 20555-0001

Dear Mr. Whited:

In accordance with Section 309 of the Clean Air Act and the National Environmental Policy Act (NEPA), the U.S. Environmental Protection Agency (EPA), Region 6 office, has reviewed your Notification and Request for Consultation and Participation in the Scoping Process for the Environmental Review of the Victoria County Station Early Site Permit Application. Exelon Nuclear Texas Holdings, LLC, submitted an application to the Nuclear Regulatory Commission (NRC) for an early site permit for the Victoria County Station site which is located near Victoria, Texas. To comply with the National Environmental Policy Act (NEPA), NRC will prepare an Environmental Impact Statement (EIS) for the proposed Early Site Permit and proposed Nuclear Power Plant.

We have completed our review of the brief project description and would like to take this opportunity to submit basic recommendations on the scope of the EIS you are preparing. EPA has prepared guidance for new nuclear power plants and Environmental Impact Statement contents and environmental analysis and suggests it be considered in the development of the Draft EIS. This guidance can be found at: <u>http://www.epa.gov./compliance/resouce/policies/nepa/309-review-guidance-for-new-nuclear-power-plant-eis-pg.pdf</u>. We have enclosed environmental analysis and information from our NEPAssist database to assist you in the scoping and EIS preparation process. For a clearer understanding of the project being proposed, we request a meeting with your staff soon after the scoping process is completed to discuss any issues identified and to afford EPA regional staff an opportunity to be briefed on the action proposed and the potential environmental impacts.

Our comments are based upon the Council on Environmental Quality regulations 40 CFR (Parts 1500-1508) and our authority under Section 309 of the Clean Air Act. We appreciate the opportunity to comment. Please send our office five copies of the Draft EIS at the same time that you send copies to the Office of Federal Activities for filing. If you have any questions, please contact Mike Jansky of my staff at (214) 665-7451.

Sincerely yours,

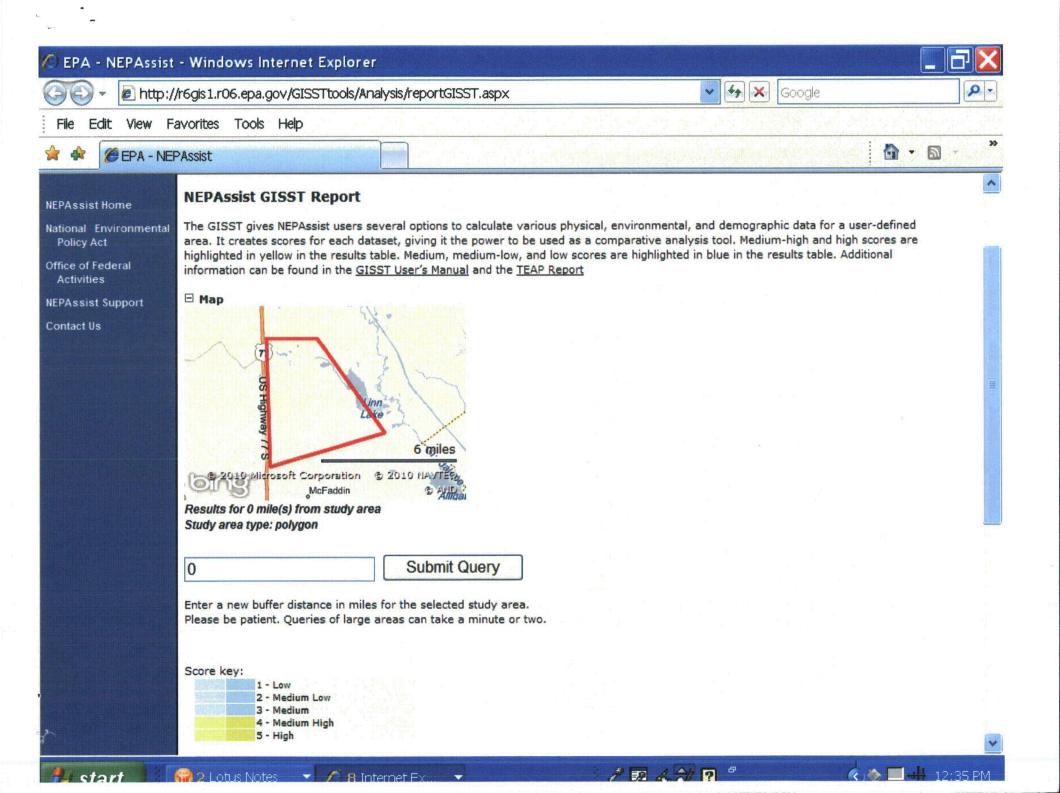
Rhonda M. Smith Chief, Office of Compliance and Coordination 6ENXP

Enclosure

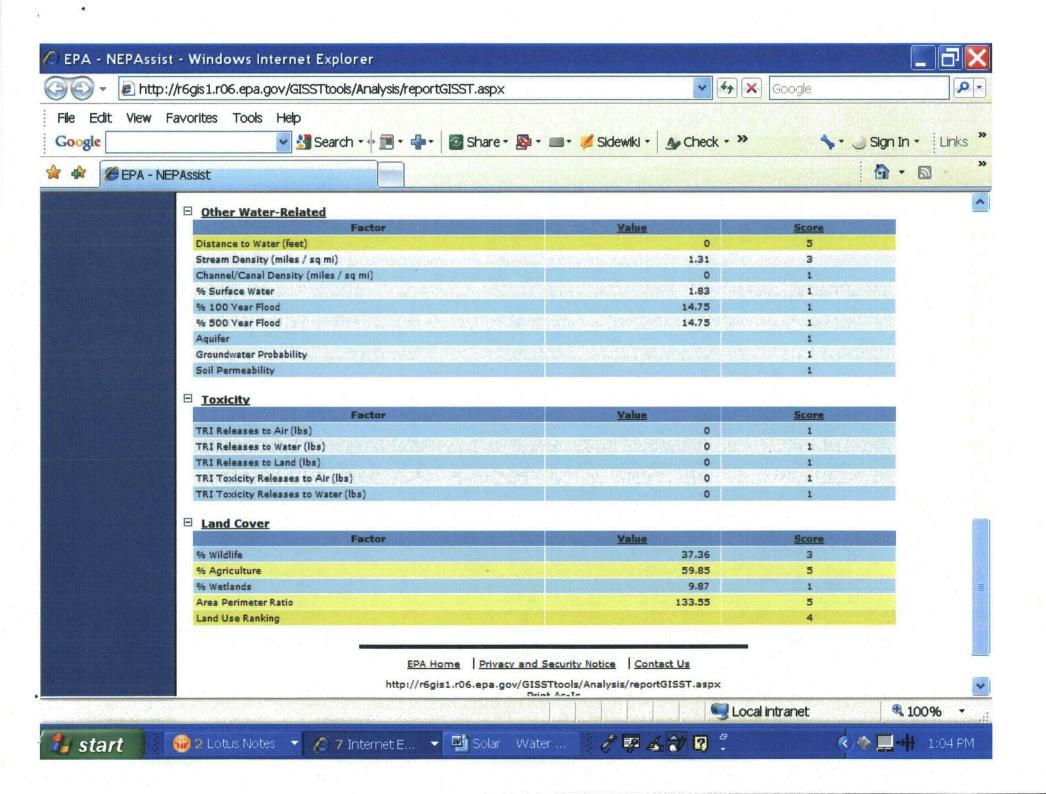
SUNSI Review Complete Template = ADM-013

E-RIDS = ADA-63 Add : T. Terry (TLT2)

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	HUC-Related			
	Factor	Value	Score	
	Surface Water Use		5	
	Storet Exceedences		2	
	Rainfall		3	
	Unified Watershed Assessment		u Martin de 1 900 Anna Anna Anna Anna Anna Anna Anna An	
	Average Flow		3	
	Aquifer Geology		4	
	□ <u>Air</u>			
	Factor	<u>Value</u>	Score	
	Number of Regulated Facilties	0	1	
	Road Density (miles/sq mi)	.49		
	Nonattainment		1	
	□ <u>Socioeconomic</u>			
	Factor	Value	Score	
	Population Density (persons/sq mi)	0		
	% Children Under 1	0		
	% Children Under 7	0	1	
	% 55 and Older	40	5	
	% Unemployed	0	1	
	% Economically Stressed	0		
	% Without High School Degree	25	2	
	Educational Attainment		3 3	
	Age of Housing Unit % Low/No Ability to Speak English	0	3 1	
	% Linguistically Isolated	0	1	
	% Foreign Born	0		
	<u>Other Water-Related</u>			
	Factor	Value	Score	



NEPAssist

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Мар		
Area of digitized polygon	· · · · · · · · · · · · · · · · · · ·	18.49 sq mi
Facility		
Within 100 meters of a hospital?		no
Within 1000 meters of a hospital?		no
Within 100 meters of a TRI facility?		no
Within 1000 meters of a TRI facility?	2	no
Within 100 meters of a regulated fac	<u>cility?</u>	<u>no</u>
Within 1000 meters of a regulated fa	acility?	no
Within 100 meters of an airport?		no
Water		•
Within 100 meters of a Wild and Sc	enic River?	<u>no</u> .
Within an area over a Sole Source /	Aquifer?	no
Within the 100 year flood plain?		<u>yes</u>
Within the 500 year flood plain?		<u>yes</u>
Within 400 meters of an NWI wetlan	nd?	<u>click here</u> May take several minutes
Within an NLCD wetland?		yes
Within 1000 meters of an NLCD we	tland?	yes
Ecology		
Within a federal/state park or wildlife		no
Within 1000 meters of a federal/stat	e park or wildlife area?	no
Within a critical habitat area?		<u>no</u>
Within 1000 meters of a critical habi		no
	posite area that is within the Top 10% highest scores?	yes
Within 100 meters of a REAP Diver	sity area that is within the Top 10% highest scores?	yes
Within 100 meters of a REAP Susta	inability area that is within the Top 10% highest scores?	yes
	area that is within the Top 10% highest scores?	yes
Other Within 100 meters of a place on the	National Historic Register?	no
Within 1000 meters of a place on th	-	no
Within 100 meters of a school?	· · · · · · · · · · · · · · · · · · ·	no
Within 1000 meters of a school?	•	no
Within a nonattainment area?		no
Within a previous nonattainment, ma	aintenance, or EAC area?	yes
NatureServe data		
Within an area with known rare, end	langered, or at-risk species?	dick here
Download XML	Environmental Justice Analysis	
GISST Analysis	Texas Grid Analysis	
A		

Region 6	
Area of digitized polygon	18.49 sq mi
Within 100 meters of a hospital?	no
Within 1000 meters of a hospital?	по
Within 100 meters of a TRI facility?	no
Within 1000 meters of a TRI facility?	no
Within 100 meters of a regulated facility?	по
Within 1000 meters of a regulated facility?	no
Within 100 meters of an airport?	no
Within 100 meters of a Wild and Scenic River?	no
Within an area over a Sole Source Aquifer?	no
Within the 100 year flood plain?	yes
Within the 500 year flood plain?	yes
Within 400 meters of an NWi wetland?	ondemand
Within an NLCD wetland?	yes
Within 1000 meters of an NLCD wetland?	yes
Within a federal/state park or wildlife area?	no
Within 1000 meters of a federal/state park or wildlife area?	no
Within a critical habitat area?	no
Within 1000 meters of a critical habitat area?	no
Within 100 meters of a REAP Composite area that is within the Top 10% highest scores?	yes
Within 100 meters of a REAP Diversity area that is within the Top 10% highest scores?	yes
Within 100 meters of a REAP Sustainability area that is within the Top 10% highest scores?	yes
Within 100 meters of a REAP Rarity area that is within the Top 10% highest scores?	yes
Within 100 meters of a place on the National Historic Register?	no
Within 1000 meters of a place on the National Historic Register?	no
Within 100 meters of a school?	no
Within 1000 meters of a school?	no
Within a nonattainment area?	no
Within a previous nonattainment, maintenance, or EAC area?	yes

EJView

Detailed Regional Analysis

GISST Analysis

Texas Grid Analysis

EJView | US EPA



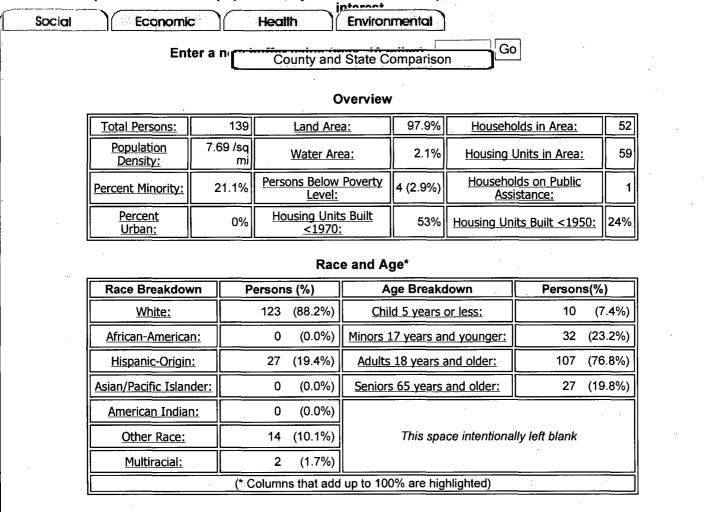
You are here: EPA Home

ome Compliance and Enforcement

Environmental Justice

EJView

Statistics represent residential population, by Census Block Group, within a 0 mile buffer around feature of



Gender

Gender Breakdown	Persons (%)
Males:	66 (47.2%)
Females:	73 (52.8%)

Education

Education Level (Persons 25 & older)	Persons (%)
Less than 9th grade:	9 (9.3%)
9th -12th grade:	15 (16.6%)
High School Diploma:	28 (30.3%)
Some College/2 yr:	30 (32.9%)
B.S./B.A. or more:	10 (10.8%)

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Ability to Speak English	Persons (%)	
Population Age 5 and Over:	131	
Speak only English:	105 (80.4%)	
Non-English at Home:	26 (19.7%)	
Speak English very well:	17 (12.6%)	
Speak English well:	4 (3.4%)	
Speak English not well:	4 (3.1%)	
Speak English not at all:	1 (0.5%)	
Speak English less than well:	5 (3.7%)	

Language Spoken

Language Spoken	Persons (%)	
Speak only English:	157 (84.9%)	
Spanish or Spanish Creole:	26 (14.0%)	
German:	2 (1.1%)	
Non-English Speaking:	28 (15.1%)	

Place of Birth for the Foreign-Born

Country	Persons
Foreign-Born Population:	3
Europe:	1 (25%)
Americas:	2 (75%)
United Kingdom:	1 (25%)
Mexico:	2 (75%)

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EPA Home Compliance and Enforcement Environmental Justice

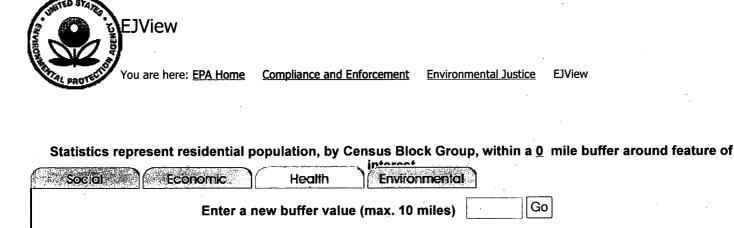
EJView

Statistics represent residential population, by Census Block Group, within a <u>0</u> mile buffer around feature of

	Enter a new buffer value (max. 10 mile Income	es) Go
	Income Breakdown	Households (%)
	Less than \$15,000:	4 (7.9%)
	<u>\$15,000 - \$25,000:</u>	9 (18.2%)
	<u>\$25,000 - \$50,000:</u>	19 (36.3%)
	<u>\$50,000 - \$75,000:</u>	12 (24.1%)
	Greater than \$75,000:	10 (19.5%)
	Tenure	
	Tenure Breakdown	Households (%)
	Occupied Housing Units:	52 (100.0%)
	Owner Occupied:	42 (81.2%)
· [Renter Occupied	10 (18.8%)

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Health Statistics

Health Service Area for Victoria (Victoria), TX - Lavaca, TX

The health data statistics for this feature of the Environmental Justice Assessment are provided by the National Center for Health Statistics (NCHS) Centers for Disease Control (CDC) [EXIT Disclaimer>, the official source for vital statistics. Currently, this information has not been released for all ethnic groups by NCHS. When the health statistics are released, they will be provided in this feature broken down by geographic area and ethnicity. This information will be made available as soon as the data have been quality assured and released by NCHS in their entirety.

Since 1960, NCHS has received several legislative mandates and authorities, and it works closely with other federal agencies, as well as researchers and academic institutions, to provide health information. NCHS data systems include data on vital events, as well as information on health status, lifestyle and exposure to unhealthy influences, the onset and diagnosis of illness and disability, and the use of health care. This information is used by policymakers in Congress and the Administration, by medical researchers, and by others in the health community.

Additional information is available from the National Center for Health Statistics (NCHS) EXIT Disclaimer> website.

Statistic\Disease †	<u>Heart</u> Disease	<u>All</u> <u>Cancers</u>	<u>Chronic</u> <u>Obstructive</u> <u>Pulmonary</u> <u>Disease</u>	<u>Pneumonia</u> and <u>Influenza</u>	<u>Liver</u> Disease
White Male Rate *	196.8	156.4	24	14.7	11.9
White Male Significance **	3	3	3	3	3
Black Male Rate *	291.8	235.1	26.7	8.6	0
Black Male Significance **	3	3	3	2	1
White Female Rate *	94.8	100.9	9.1	7.8	5.7
White Female Significance **	2	2	1	2	3
Black Female Rate *	190.7	137.5	10.5	13.4	1.9
Black Female Significance	3	3	3	3	2

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			nt of Health and Huma In Statistics, Atlas of Un			ase Control and Prevent Exit Disclaimer	ion,
*						d States due to th r 100.000 popula	
¢ C	ausignatic	e uge e ensigni	Actes of the second		the ather death	r 100,000 popula rate of the group	, due to
			2002		Risk Estimates	· · · · · · · · · · · · · · · · · · ·	<u> </u>
• •			Cancer Risk (Persons per Mil A, TX 21.39 (69.3 Perce	lion)	Neurological Hazard Risk 04 (69.6 Percentile)	Respiratory Hazard Risk 1.06 (54.4 Percentile)	
		Texas	/L		05 (32.6 Percentile)		,
	TES: Value	es are d	lerived from 200)2 Na	itional-Scale Ai	<u>epa.gov/ttn/atw/r</u> r Toxics Assessme rd Index Scores.	
			2007 Asth	ima Pr	evalence By State		
					·	•	
	White Non-H Person		Black Non-Hispanic Persons	Multi-	Racial Non-Hispanic Persons	Other Race Non-Hispan Persons	ic Hispanic Persons
	Person	s	Persons	Multi-	Persons	Persons	Persons
ifetime	Person		Persons 14.8% 9.8%		Persons 26.7% 24.1%	Persons 14.7% 9.8%	
ifetime	Person	s SOUR 2007 B	Persons 14.8% 9.8% RCE: Centers for ehavioral Risk Fi ://www.cdc.gov	Dise actor /asth	Persons 26.7% 24.1% ase Control an Surveillance S ma/brfss/07/b	Persons 14.7% 9.8% d Prevention. ystem (BRFSS)	Persons 9%
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ifetime	Person	s SOUR 2007 B	Persons 14.8% 9.8% RCE: Centers for ehavioral Risk Fi ://www.cdc.gov 200	Dise actor /asth	Persons 26.7% 24.1% ase Control an Surveillance S ma/brfss/07/b tality Rates Deaths	Persons 14.7% 9.8% d Prevention. ystem (BRFSS)	Persons 9%
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ifetime	Person	s SOUR 2007 Be (http	Persons 14.8% 9.8% RCE: Centers for ehavioral Risk Fi ://www.cdc.gov 200	Dise actor /asth	Persons 26.7% 24.1% ase Control an Surveillance S ma/brfss/07/b tality Rates Deaths 8	Persons	Persons 9%
ifetime Current	Person 14.6% 9.5%	SOUR SOUR 2007 Be (http CTORIA, T exas US Ce	Persons 14.8% 9.8% RCE: Centers for ehavioral Risk Fill ://www.cdc.gov 200 TX nsus Bureau htt	Dise actor /asth	Persons 26.7% 24.1% ase Control an Surveillance S ma/brfss/07/b tality Rates Deaths 8 0 (ww.census.gc	Persons 14.7% 9.8% d Prevention. ystem (BRFSS) rfssdata.htm)	<u>9%</u> 5.1%
	Person	SOUR SOUR 2007 Be (http CTORIA, T Exas US Ce cy rates	Persons 14.8% 9.8% RCE: Centers for ehavioral Risk Failer ://www.cdc.gov 200 TX nsus Bureau htt are calculated prime file, "County Pop	Dise actor /asth /asth //asth //asth //asth	Persons 26.7% 24.1% ase Control an Surveillance S ma/brfss/07/b tality Rates Deaths 8 0 (www.census.gc) 7/1/2007 to 7	Persons 14.7% 9.8% d Prevention. ystem (BRFSS) rfssdata.htm) per 1000 .67 .7 V/popest/estimate /1/2008 deaths a and Estimated Cor	<u>Persons</u> 9% 5.1% es.php nd estimated

| EJView | US EPA

			LII	е схреси	апсу аст	DILLU IU	TAAA				
	Male and Female Male Female										
	Victoria, Texas 76.7 74.1 79.1										
SOURCE: U.S. Census Bureau & National Center for Health Statistics											
· ·	<u> </u>			All Cance	ers Mort	ality Ra	tes				
	1950 - 1994 1970 - 1994 White White Black B							Black			
	Male Age	Female Age 0 - 19	All White Male	All White Female	All Black Male	k All Bla Fema	ack II Mala I	Age 🛛 Fem	nale 🛛 Ma	ale Age 0 - 19	Female Age 0 - 19
VICTORIA, TX	4.2057	4.3403 2	208.5386	124.49	320.8622	2 145.8	848			•	
Texas	6.3979	4.9306 2	202.3985	124.0559	281.631	152.5	508 5.15	74 3.95	533	1.6641	3.8813
NOTES: Mortality rates (number per 100,000) are extracted from the state and county mortality tables. Childhood Leukemia Mortality Rates											
	1950	- 1994					1970 - 1994				·····
	White Male Age 0 - 19	White Female Age 0 - 19	All White Male	All White Female	All Black Male	All Black Female	11		Age	k Male 0 - 19	Black Female Age 0 - 19
VICTORIA, TX	1.3746	1.5014	7.1592	7.2189	3.5693	4.5437					
Texas	2.7268	2.1183	8.8257	5.1716	7 0426	4.756	2.1337	1.606	2 1	5403	1.2759
Texas											1.2759
SOURCE: National Cancer Institute Cancer Mortality Maps & Graphs <u>http://www3.cancer.gov/atlasplus/index.html</u> NOTES: Mortality rates (number per 100,000) are extracted from the state and county Leukemia mortality tables.											
Adult Lymphoma Mortality Rates											
· · · · ·		1950 - 1994 White Male Age White Female			، ر از		1970 - 19			Malall	Black Formels
	Age 50 - 74	Age 20 -	49 White		All Black Male	All Black Female	Age 20 - 49 Age 50 - 74 Age 75+	Age 20 - 4	49 Age 2 74 Age 5	C Male 20 - 49 50 - 74 9 75+	Black Female Age 20 - 49 Age 50 - 74 Age 75+
VICTORIA, TX	1.8167 11.7545 63.8292	1.6436 10.480 41.239	3 6.0924	4 4.284	7.6659	0					
Texas	2.1119 15.8 <u>3</u> 1 46.9516	1.1539 10.946 35.121	9 6.694	3 4.4643	4.9254	2.9445	2.2281 17.3147 55.8517	1.1283 11.7975 40.3662	5 13.1	257 7257 875	1.032 8.89 17.4908

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SOURCE: National Cancer Institute Cancer Mortality Maps & Graphs http://www3.cancer.gov/atlasplus/index.html

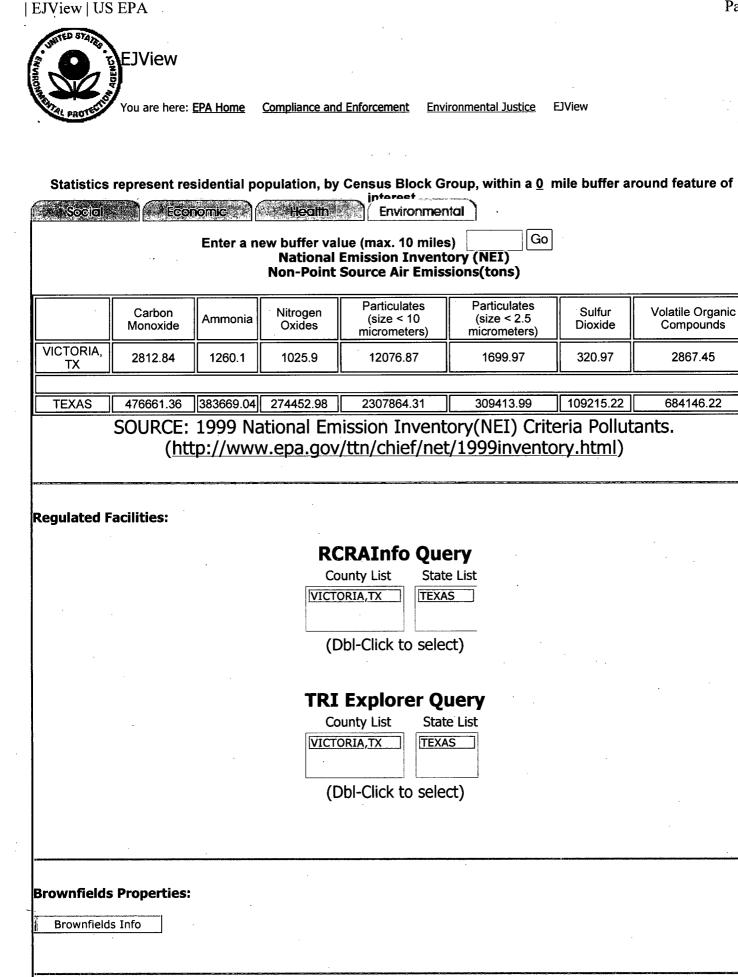
NOTES: Mortality rates (number per 100,000) are extracted from the state and county Non-Hodgkin's Lymphoma mortality tables.

Lung Cancers Mortality Rates

	1950 - 1994		1970 - 1994							
	White Male Age 0 - 19	White Female Age 0 - 19	All White Male	All White Female	All Black Male	All Black Female	White Male Age 0 - 19	White Female Age 0 - 19	Black Male Age 0 - 19	Black Female Age 0 - 19
VICTORIA, TX	0	0	79.9161	23.9395	143.5451	41.509				
Texas	.038	.0234	70.8042	23.6421	95.1353	22.2225	.0289	.0189	.0411	.0112

SOURCE: National Cancer Institute Cancer Mortality Maps & Graphs http://www3.cancer.gov/atlasplus/index.html

NOTES: Mortality rates (number per 100,000) are extracted from the state and county mortality tables.



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Environmental Conditions:

Drinking Water Source/Sewage Disposal

	· \	Nater		Sewer			
Housing Units	Systems	Wells	Other	Public	Septic	Other	

SOURCE: U.S. Census Bureau, 1990 Census of Population and Housing

Safe Drinking Water Reports by County

SDWIS Report for VICTORIA, TX

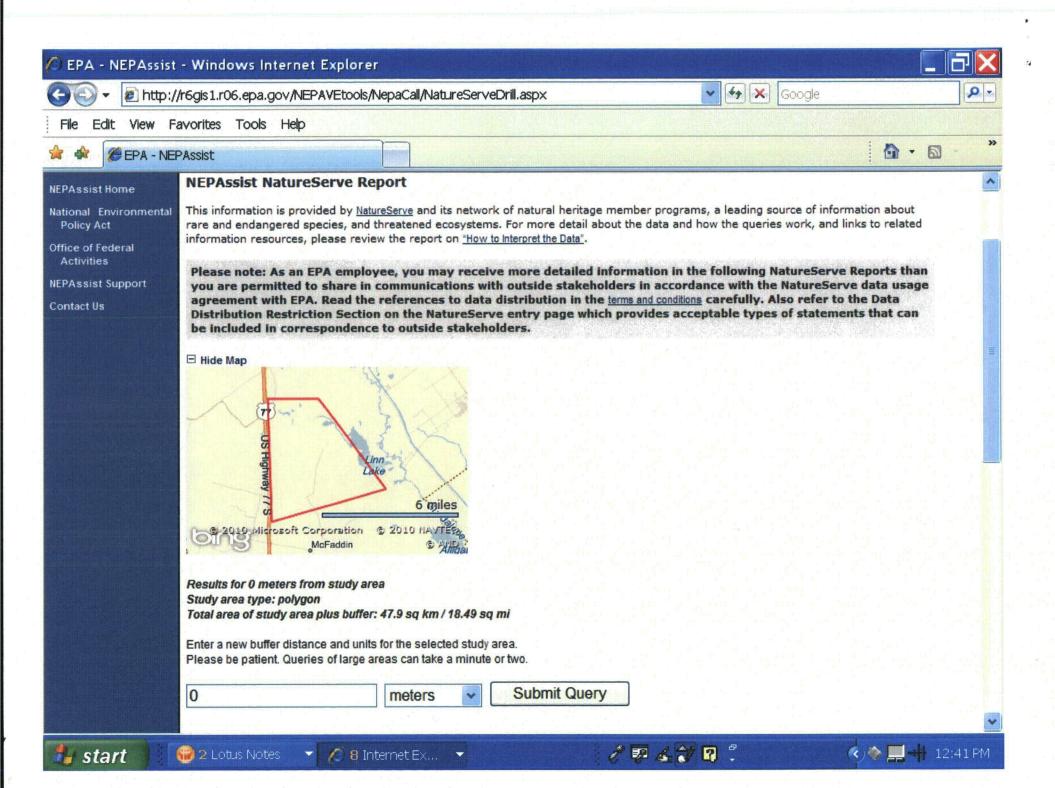
Fish Advisory Reports

Fish Advisory Report for TEXAS

Air Data Reports

AirData Reports for TEXAS

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Results for 0 meters from study area Study area type: polygon Total area of study area plus buffer: 47.9 sq km / 18.49 sq mi

Enter a new buffer distance and units for the selected study area. Please be patient. Queries of large areas can take a minute or two.

0	n	neters	Submit Query					
· .								
Hide Area Size R	eference							
Siz	e of Queried Area		Information Detail Returned					
	arger than or e sq. km (¼ quac	•	Exact species					
Polygon smaller than 36 sq. km (¼ quad) and larger than or equal Major taxonomic g to 10 sq. km (¼ of ¼ quad)								
(¼ of ¼ qu	maller than 10 ad) and larger .6 sq. km (1 se	Known presence						
Polygon sr	naller than 2.6 (1 sq. mile)	sq. km	Data not available					
•								
N	ame	Тахо	nomy	Conservatio	on Status			
Common Name	Scientific Name	Species Group (Broad)	Species Group (Fine)	NatureServe Global Status	Other Status			
	hynchospora Idianolensis	Plants, Vascular	Sedge Family	<u>G3Q</u>				
There were no exc	luded areas found in	the query area.			:			

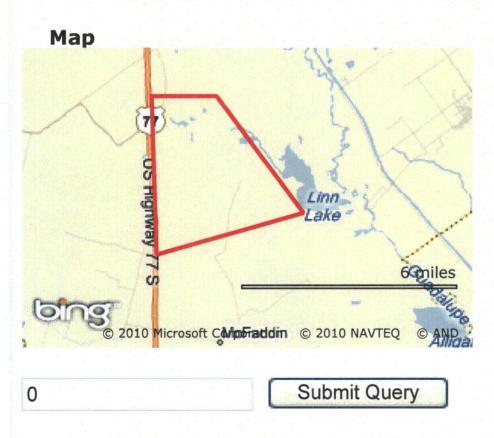


http://r6gis1.r06.epa.gov/GISSTtools/Analysis/reportTXGRID.aspx Last updated on Wednesday, December 01, 2010

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NEPAssist Texas Grid Report

The Texas GRID ("TexasGrid") contains grid cells for the State of Texas. Each grid cell is 250 meters x 250 meters (62,500 square meters) in size and contains pre-calculated scores for various physical, environmental, and demographic data considered of importance to Texas. Medium-high and high scores are highlighted in yellow in the results table. Medium, medium-low, and low scores are highlighted in blue in the results table. Additional information can be found in the <u>GISST User's Manual</u> and the <u>TEAP Report</u>



Enter a new buffer distance in miles for the selected study area. Please be patient. Queries of large areas can take a minute or two.

http://r6gis1.r06.epa.gov/GISSTtools/Analysis/reportTXGRID.aspx

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Score key:

1 - Low 2 - Medium Low 3 - Medium 4 - Medium High 5 - High

Texas Grid Analysis Results

Factor		Score	Min	Max	Standard Deviation
Stream Density	YY	2	1	5	1.65
Impaired Water	YY	1	1	1	0
Flood Zone	YY	1	1	5	.27
Nonattainment	ΥY	1	1	1	0
Facilities	YY	1	1	1	0
Managed Lands	YY	1	1	1	0
Agricultural Lands	YY	4	1	5	1.59
Wetlands	YY	1	1	5	1.23
Wildlife	Y	3	1	5	1.76
Federal Species	Y	- 1	1	1	0
State Species	Y	1	1	1	0
Economically Stressed	YY	1	1	1	0
Population	YY	0	0	1	.41
Significant Streams	Y	1	1	1	0
TEAPCOMP	Y	3	1	4	.91
TEAPDIVE	Y	2	1	4	.95
TEAPSUST	Y	3	1	4	.91
TEAPRARE	γ	2	1	4	1.06

Overall	Sum	Average
Without TEAP	19	1.4
Nith TEAP	23	1.6

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🖉 7 Internet... 👻 🍓 Printers and...

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