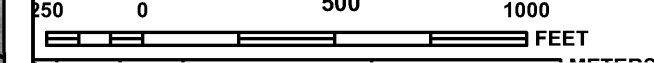


FLOOD PLAIN AND WETLANDS MAPS



MAP SCALE 1" = 500'



- ZONE V Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- ZONE VE Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X Areas determined to be outside the 0.2% annual chance floodplain.

ZONE D Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

- 1% Annual Chance Floodplain Boundary
- 0.2% Annual Chance Floodplain Boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths, or flood velocities.
- Limit of Moderate Wave Action
- Limit of Moderate Wave Action coincident with Zone Break
- Base Flood Elevation line and value; elevation in feet*
(EL 987)
- Base Flood Elevation value where uniform within zone; elevation in feet*

*Referenced to the North American Vertical Datum of 1988

- Cross section line
- Transect line
- Culvert
- Bridge

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



U.S. Fish and Wildlife Service
National Wetlands Inventory

Shepherd of the
Sea Property

Jan 9, 2014



Wetlands

-  Freshwater Emergent
-  Freshwater Forested/Shrub
-  Estuarine and Marine Deepwater
-  Estuarine and Marine
-  Freshwater Pond
-  Lake
-  Riverine
-  Other

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

User Remarks:

UST DOCUMENTATION

OFF ON BASE	TA	JMB	REGISTR NUM	TANK TYPE	STATUS	PURPOSE	DATE INSTL	DATE REMOVE	LIFE EXPECT	CONTENTS	CAPACITY/GAL	TANK MATERL	PIPE MATERL	TYPE TRANSF	TANK CORPRO	PIPE CORPR	SPLL PROTEC
OFF	DG-20-1		AE-1	U	CLOSED IN PLACE	O/B HEAT PRODUCTION, RESIDENTIAL	1/1/55	12/1/78	15	#4 FUEL OIL	10,000.00	STEEL	STEEL	S	NONE	NONE	NONE
OFF	CH-1001		DD01R1	U	REMOVED	OFF BASE HEAT PRODUCTION	1/1/89		30	#2 FUEL OIL	5,000.00	STEEL	STEEL	S	COATED, CATHOD PROT	COATED, CATHOD PROT	EXEMPT
OFF	CH-1002-1		AI-1	U	REMOVED		6/1/69	12/1/89	15	GASOLINE	10,000.00	STEEL	STEEL	S	COATED ONLY	NONE	NONE
OFF	CH-1002-2		AJ-1	U	REMOVED		6/1/69	12/1/89	15	GASOLINE	10,000.00	STEEL	STEEL	S	COATED	NONE	NONE
OFF	CH-1002-3		AK-1	U	REMOVED		6/1/79	12/1/89	30	GASOLINE	10,000.00	FRP	STEEL	S	N/A	NONE	NONE
OFF	CH-1002-4		AL-1	U	REMOVED		6/1/79	12/1/89	30	GASOLINE	10,000.00	FRP	STEEL	S	N/A	NONE	NONE
OFF	CH-1004			U	REMOVED	OFF BASE HEAT PRODUCTION	1/1/73		15	#2 FUEL OIL	2,000.00	STEEL	STEEL	S	NONE	NONE	NONE
OFF	CT-380-1			U	REMOVED	OFF BASE HEAT PRODUCTION		1/1/88	0	#2 FUEL OIL	0.00	STEEL	STEEL	S			
OFF	DG-10-1		AD-1	U	REMOVED	O/B HEAT PRODUCTION, RESIDENTIAL	1/1/55	12/1/78	15	#4 FUEL OIL	10,000.00	STEEL	STEEL	UNK	NONE	NONE	NONE
OFF	DG-13-1		AF-1	U	REMOVED	O/B HEAT PRODUCTION, RESIDENTIAL	1/1/55	12/1/78	15	#4 FUEL OIL	10,000.00	STEEL	STEEL	S	NONE	NONE	NONE
OFF	DG-17-1		AH-1	U	REMOVED	O/B HEAT PRODUCTION, RESIDENTIAL	1/1/55	12/1/78	15	#4 FUEL OIL	10,000.00	STEEL	STEEL	S	NONE	NONE	NONE
OFF	DG-2-1		AG-1	U	REMOVED	O/B HEAT PRODUCTION, RESIDENTIAL	1/1/55	12/1/78	15	#4 FUEL OIL	10,000.00	STEEL	STEEL	S	NONE	NONE	NONE
OFF	DG-23-1		AB-1	U	REMOVED	O/B HEAT PRODUCTION, RESIDENTIAL	1/1/55	12/1/78	15	#4 FUEL OIL	10,000.00	STEEL	STEEL	S	NONE	NONE	NONE
OFF	DG-5-1		AC-1	U	REMOVED	O/B HEAT PRODUCTION, RESIDENTIAL	1/1/55	12/1/78	15	#4 FUEL OIL	10,000.00	STEEL	STEEL	S	NONE	NONE	NONE
OFF	DG-8-1		AA-1	U	REMOVED	HEAT PRODUCTION, RESIDENTIAL	1/1/55	12/1/78	15	#4 FUEL OIL	10,000.00	STEEL	STEEL	S	NONE	NONE	NONE
OFF	FIFE CABIN			U	REMOVED	OFF BASE HEAT PRODUCTION		1/1/83	15	#2 FUEL OIL	275.00	UNKNOWN	UNKNOWN	UK	UNKNOWN		UNKNOWN
OFF	FIFE MAIN			U	REMOVED	OFF BASE HEAT PRODUCTION		1/1/83	0	#2 FUEL OIL	0.00	STEEL	STEEL	S	NONE	NONE	EXEMPT
OFF	PP-11			U	REMOVED	RESIDENTIAL HEAT PRODUCTION		10/1/95	0	#2 FUEL OIL	0.00	STEEL	STEEL	S	NONE	NONE	EXEMPT
OFF	PP-23			U	REMOVED	O/B RESIDENTIAL HEAT PRODUCTION		9/27/95	0	#2 FUEL OIL	2,000.00	STEEL	STEEL	S	NONE	NONE	NONE
OFF	PP-40			U	REMOVED	O/B RESIDENTIAL HEAT PRODUCTION		8/1/95	0	#2 FUEL OIL	0.00	STEEL	STEEL	S	NONE	NONE	EXEMPT
OFF	PP-42			U	REMOVED	O/B RESIDENTIAL HEAT PRODUCTION			0	#2 FUEL OIL	0.00	STEEL	STEEL	S	NONE	NONE	EXEMPT

UNDERGROUND STORAGE TANK REQUIREMENTS

TANK LOCATION: CHAPEL ^{CH-1001-2} USE: SPACE HEATING
REGISTRATION #: DD01R1 CAPACITY: 5,000 GAL
DATE INSTALLED: 1/89 PRODUCT: #2 FUEL OIL
TANK MATERIAL: STEEL, DW PIPING MATERIAL: STEEL
CATHODICALLY PROTECTED: YES CATHODICALLY PROTECTED: YES

REMOVED
11/97

STATE REQUIREMENTS:

STATUS: NEW

STATE REPLACEMENT DATE: 2019

TANK CORROSION PROTECTION: REQUIRED TEST ANNUALLY [HAS]

DAILY INVENTORY RECORD: EXEMPT DUE TO ON SITE HEATING

PIPE CORROSION PROTECTION: REQUIRED [HAS]

FAILURE DETERMINATION: BY ~~2018~~ 2017 and again in 2018 w/in 1 yr of end of service life

FEDERAL REQUIREMENTS:

STATUS: NEW

TANK CORROSION PROTECTION: EXEMPT DUE TO ON SITE HEATING [HAS]

TANK LEAK DETECTION: EXEMPT DUE TO ON SITE HEATING

SPILL PREVENTION: EXEMPT DUE TO ON SITE HEATING

PIPE CORROSION PROTECTION: EXEMPT DUE TO ON SITE HEATING [HAS]

PIPE LEAK DETECTION: EXEMPT DUE TO ON SITE HEATING

COMMENTS:

ANNUAL CATHODIC PROTECTION TESTING

Integrity Test in 2017



DEPARTMENT OF THE NAVY

NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT 06349-5000

6280
Ser 803/ 329
13 Jun 89

Mr. G. Scott Deshefy
State of Connecticut
Department of Environmental Protection
165 Capitol Avenue
Hartford, CT 06106

Reference is made to paragraph II.C of your letter of November 22, 1988. Enclosed are the results of soil samples taken from the excavations for the replacement tanks upon removal of the old tanks. The samples were composites of soil taken from the bottom of each side of the excavation.

The correlation between your tank ID numbers and the building numbers in the lab report is given below:

<u>TANK ID</u>	<u>BLDG NO.</u>
II01 & JJ01	428
MM01	CT 380
DD01	B-1001
S01	B-449
R01	B-325

Questions concerning this matter should be directed to Mr. W. L. Mansfield at 449-4481.

Sincerely,

J. N. LOYACANO
CAPT, CEC, USN
Public Works Officer

UNDERGROUND STORAGE FACILITY NOTIFICATION

2. Pg. of



STATE OF CONNECTICUT
Department of Environmental Protection
UNDERGROUND STORAGE FACILITIES PROGRAM
HAZARDOUS MATERIALS MANAGEMENT UNIT
165 Capitol Avenue, Hartford, CT 06106
TEL. 556-4630



EPHM-6 NEW 10/85

3. FOR STATE AGENCY USE ONLY
DATE RCD BY DEP 3-28-89
E. DOES FACILITY MEET NEW REQUIREMENTS?
YES NO

A. SITE I.D.
B. DATE ENTERED
C. DATE ENTERED
D. GMD COORDINATES
E. DOES FACILITY MEET NEW REQUIREMENTS?
YES NO

PLEASE TYPE ALL THREE COPIES MUST BE LEGIBLE
Refer to INSTRUCTIONS FOR FILING NOTIFICATION before completing form.

1. LOCATION OF FACILITY: BUSINESS NAME AND MAILING ADDRESS: NAVAL SUBMARINE BASE NEW LONDON
2. TYPE OF OWNER: PRIVATE STATE MUNICIPAL FEDERAL (G.S.A. No. _____)
3. OPERATOR/CONTACT PERSON: NAME: _____ NO. AND STREET: _____ CITY OR TOWN: _____ STATE: _____ ZIP CODE: _____ TELEPHONE: _____
4. TYPE OF FACILITY: NAVAL SUBMARINE BASE NEW LONDON
5. MAILING ADDRESS: NAME: _____ NO. AND STREET: _____ CITY OR TOWN: _____ STATE: _____ ZIP CODE: _____ TELEPHONE: _____
6. BUSINESS NAME AND MAILING ADDRESS: NAME: _____ NO. AND STREET: _____ CITY OR TOWN: _____ STATE: _____ ZIP CODE: _____ TELEPHONE: _____
7. FACILITY OWNER: NAME: _____ NO. AND STREET: _____ CITY OR TOWN: _____ STATE: _____ ZIP CODE: _____ TELEPHONE: _____
8. TYPE OF OWNER: PRIVATE STATE MUNICIPAL FEDERAL (G.S.A. No. _____)
9. OPERATOR/CONTACT PERSON: NAME: _____ NO. AND STREET: _____ CITY OR TOWN: _____ STATE: _____ ZIP CODE: _____ TELEPHONE: _____

10. TANK ID.	11a. DATE OF INSTALLATION (Mo./Y./J.)	11b. LIFE EXPECTANCY (# of years)	12a. TOTAL CAPACITY (Gals.)	12b. STATUS	13. TYPE OF CONTENTS	14. CONTENTS - CHEMICAL NAME OF PRINCIPAL SUBSTANCE (not trade name.) (Enter C.A.S. No., if known)	15. CONSTRUCTION MATERIALS		16. PROTECTION		17. INTEGRAL PIPING SYSTEM	18. MONITORING SYSTEM	19. FAILURE DETERMINATION	
							STEEL	FIBERGLASS REINFORCED PLASTIC OTHER (Specify from list A)	CATHODIC PROTECTION	COATED/WRAPPED				CATHODIC PROTECTION
Example	5/75	30	5000	X	X	Heating fuel #2	X	X	X	H	5	5/75	U	NO
Example	7/60	-	8000	X	X	1/4" Trichloroethene CAS #79016	X	X	X	E	7	7/60	U	-
RO1R1	2/89	30	10,000	X		DIESEL OIL				X	BE	7G	2/89	NO
SO1R1	1/89	30	10,000	X		DIESEL OIL				X	BE	7G	1/89	NO
DDO1R1	1/89	30	5,000	X		DIESEL OIL				X	BE	7G	1/89	NO
MMO1R1	2/89	30	5,000	X		DIESEL OIL				X	BE	7G	2/89	NO
KKO1R1	1/89	30	10,000	X		DIESEL OIL				X	BE	7G	1/89	NO
JJO1R1	1/89	30	10,000	X		DIESEL OIL				X	BE	7G	1/89	NO

20. HAVE YOU ATTACHED SKETCH OF TANKS AND LOCATION? YES NO
21. COMMENTS: TANKS ARE DOUBLE WALLED EPOXY COATED WITH GALVANIC CATHODIC PROTECTION. PIPING IS COATED STEEL WITH GALVANIC PROTECTION.
22. CERTIFICATION: I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. Penalties: any owner who knowingly fails to notify shall be subject to a civil penalty not to exceed \$10,000 for each tank for which notification is not given or for which false information is submitted.
23. NAME (Type or Print) J. N. LOYACANO
23b. OFFICIAL TITLE (of owner or authorized representative) PUBLIC WORKS OFFICER
23c. DATE SIGNED 6 Mar 89
23d. DATE SIGNED

RECEIVED
MAR 13 1989
Dept. of Environmental Protection
Hazardous Materials Management Unit

UNDERGROUND STORAGE FACILITY NOTIFICATION

2 of 2



STATE OF CONNECTICUT
Department of Environmental Protection
UNDERGROUND STORAGE FACILITIES PROGRAM
HAZARDOUS MATERIALS MANAGEMENT UNIT
165 Capitol Avenue, Hartford, CT 06106
TEL. 556-4630



EPHM-6 NEW 10/85

3. FOR STATE AGENCY USE ONLY

A. SITE I.D. _____

B. DATE RCSD BY DEP 3 28 89

C. DATE ENTERED _____

D. GMD COORDINATES X

E. DOES FACILITY MEET NEW REQUIREMENTS? YES

PLEASE TYPE. ALL THREE COPIES MUST BE LEGIBLE!
Refer to INSTRUCTIONS FOR FILING NOTIFICATION before completing form.

1a. FIRST NOTIFICATION OR SUBSEQUENT NOTIFICATION (# checked, enter No.)

1b. SITE I.D. 07898

4. OF FACILITY LOCATION: BUSINESS NAME AND ADDRESS: **NAVAL SUBMARINE BASE NEW LONDON**

5. MAILING ADDRESS: **NO. AND STREET BOX 400**

6. MAILING ADDRESS: **NO. AND STREET R12 & CRYSTAL LK ROAD**

7. FACILITY OWNER: **NAVAL SUBMARINE BASE NEW LONDON**

8. TYPE OF OWNER: PRIVATE STATE MUNICIPAL FEDERAL (C.S.A. No. _____)

9. PERSON: OPERATOR/CONTACT NAME _____ NO. AND STREET _____ CITY OR TOWN _____ STATE _____ ZIP CODE _____ TELEPHONE _____

10. TANK ID.	11a. DATE OF INSTALLATION (Mo./Yr.)	11b. LIFE EXPECTANCY (Yrs.)	12a. TOTAL CAPACITY (Gals.)	12b. IN USE	12b. STATUS			13. TYPE OF CONTENTS	14. CONTENTS	15. CONSTRUCTION MATERIALS			16. PROTECTION		17. INTEGRAL PIPING SYSTEM	18. MONITORING SYSTEM	19. FAILURE DETERMINATION		
					EST. QUANTITY LEFT STORED (if any) (Gals.)	REMOVED	DATE TANK LAST USED (Mo./Yr.)			CHEMICAL LIQUID	CHEMICAL NAME OF PRINCIPAL SUBSTANCE (full trade name) (Enter C.A.S. No., if known)	STEEL	FIBERGLASS REINFORCED PLASTIC	OTHER (Specify from list A)				INTERNAL	EXTERNAL
Example	5/75	30	5000	X				X	Oil/Petro. LEAK PRODUCT	X				X					
R01					X				Heating fuel #2										
S01					X				1/11 Trichloroethane CAS #79016										
DD01					X														
MM01					X														
KK01					X														
JJ01					X														

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MAR 19 1989
Dept. of Environmental Protection
PCB/UST SECTION

20. HAVE YOU ATTACHED SKETCH OF TANKS AND LOCATION? YES

21. COMMENTS:

22. CERTIFICATION: I certify under penalty of law that I have personally examined and am familiar with the information submitted in this end of checked documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. Penalties: any owner who knowingly fails to notify shall be subject to a civil penalty not to exceed \$10,000 for each tank for which notification is not given or for which false information is submitted.

23a. SIGNATURE: J.N. LOYACANO

23b. DATE SIGNED: 6 Mar 89

23c. OFFICIAL TITLE (if owner or authorized representative): PUBLIC WORKS OFFICER

SECTION A

UNDERGROUND STORAGE FACILITY NOTIFICATION

STATE OF CONNECTICUT
 Department of Environmental Protection
 UNDERGROUND STORAGE FACILITIES PROGRAM
 HAZARDOUS MATERIALS MANAGEMENT UNIT
 165 Capitol Avenue, Hartford, CT 06106
 TEL 554-6430



1a. FIRST NOTIFICATION
 OR
 SUBSEQUENT NOTIFICATION (if checked, enter No.)

SITE ID: **00898**

PLEASE TYPE. ALL THREE COPIES MUST BE LEGIBLE!
 Refer to INSTRUCTIONS FOR FILING NOTIFICATION before completing form.

EPHA, 6 NEW 10/85

3. FOR STATE AGENCY USE ONLY	A. SITE ID.
B. DATE RCVD BY DEP	C. DATE ENTERED
3.28.89	
D. DOES FACILITY MEET NEW REQUIREMENTS?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>

SECTION B

1. LOCATION OF FACILITY
 BUSINESS NAME AND MAILING ADDRESS

SITE NAME: **NAVAL SUBMARINE BASE NEW LONDON**

NO. AND STREET: **BOX 400**
 NEAREST INTERSECTING STREET: **RT 12 & CRYSTAL LK RD.**

CITY OR TOWN: **GROTON**

STATE: **CT**

ZIP CODE: **06349**

TELEPHONE: **203 449-4421**

OPERATOR/CONTACT NAME: _____

TANK ID.	DATE OF INSTALLATION (Mo./Yr.)	TOTAL CAPACITY (Gals.)	12 b. STATUS			DATE TANK LAST USED (Mo./Yr.)	OIL/PETRO. LEAK PRODUCT	13. TYPE OF CONTENTS	14. CONTENTS - CHEMICAL NAME OF PRINCIPAL SUBSTANCE (not trade name.) (Enter C.A.S. No., if known)	15. CONSTRUCTION MATERIALS			16. PROTECTION		17. INTEGRAL PIPING SYSTEM	18. MONITORING SYSTEM	19. FAILURE DETERMINATION		
			IN USE	ABANDONED PLACE	EST. QUANTITY (if any) (Gals.)					REMOVED	STEEL	FIBERGLASS REINFORCED PLASTIC	OTHER (Specify from list A)	INTERNAL				EXTERNAL	OTHER (Specify from list B)
Example	5/75	30 5000	X				X	Heating fuel #2	X			X			H	S	5/75	U	NO
Example	7/60	8000					X	1/4 lb. Trichloroethane CAS #79016				X			E	7	7/60	U	NO
K01			X																NO
L01			X																NO
M01			X																NO
N01			X																NO
O01			X																NO
P01			X																NO
Q01			X																NO

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 MAR 13 1989
 Dept. of Environmental Protection
 PCB/UST SECTION

20. HAVE YOU ATTACHED SKETCH OF TANKS AND LOCATION? YES

21. COMMENTS: THESE TANKS WERE USED FOR RESIDENTIAL STORAGE AND SHOULD NOT HAVE BEEN INCLUDED IN OUR INITIAL NOTIFICATION. NOTIFICATION FOR REPLACEMENT TANKS IS NOT INCLUDED.

22. CERTIFICATION: I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all enclosed forms and that the information is true and correct. I am duly sworn in and am a duly licensed and responsible person in the State of Connecticut. I am not aware of any information that would cause me to believe that the information submitted is false or misleading. I understand that anyone who furnishes false or misleading information on this form or who omits material or information requested on the form may be subject to criminal sanctions (including fines and imprisonment) and/or civil sanctions (including civil penalties).

22a. SIGNATURE: _____

22b. DATE SIGNED: **6 Nov 89**

22c. OFFICIAL TITLE (if owner or authorized representative): _____



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



November 22, 1988

Department Of The Navy
Naval Submarine Base, New London
Groton, Connecticut 06349-5000

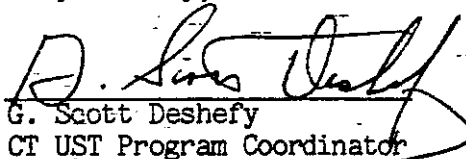
Subject: Response to Variance Request from Section 22a-449(d)-1 of
the Regulations of Connecticut State Agencies.

Dear Underground Storage Tank Owner or Operator:

This office is in receipt of your request of variance to 22a-449(d)-1 dated July 26, 1988. Please note that this response contains specific Usage and Removal Deadlines to which your facilities must strictly adhere for approved extension of underground storage tank utilization. Usage deadlines coincide with the end of heating seasons. Underground storage tanks shall be emptied of (all) product and residual materials on (or before) the indicated usage deadline. Furthermore, soil sampling and analysis, conducted by a qualified consultant, shall be performed on (or before) the indicated usage deadline. Underground storage tanks shall be removed from the ground on (or before) the indicated removal deadline. Please return signed responses with copies of work contracts, as well as copies of up-to-date hydrostatic failure determination test results.

Should you have any questions, please call this office at 566-4630 or 566-4631.

Respectfully,


G. Scott Deshefy
CT UST Program Coordinator

GSD/lr

Phone:



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



November 22, 1988

Commander J.N. Loyacono
United States Navy
Public Works Officer
Naval Submarine Base, New London
Groton, Connecticut 06349-5000

Dear Commander Loyacono:

Pursuant to subsection (1) of the State of Connecticut Regulations for Control of the Nonresidential Underground Storage and Handling of Oil and Petroleum Liquids, Section 22a-449(d)-1, your request for variance to subsection (e)(2) of 22a-449(d)-1, submitted to this office on July 26, 1988, has been approved contingent upon strict adherence to the conditions which follow:

I. Schedule For Extended Usage

The following Department Of The Navy underground storage tank (UST) facilities shall not be used beyond the following deadlines for usage and removal:

<u>Site Designation</u>	<u>Usage Deadline</u>	<u>Removal Deadline</u>
RO - 1	January 1, 1989	January 1, 1989
DDO - 1	January 1, 1989	January 1, 1989
MMO - 1	January 1, 1989	January 1, 1989
WO - 1	September 1, 1989	September 1, 1989
XO - 1	September 1, 1989	September 1, 1989
NNO - 1	September 1, 1989	September 1, 1989
VO - 1	September 1, 1989	September 1, 1989

(Please forward a copy of the discharge permit required for Tank VO - 1).

BO - 2	Variance denied
BO - 3	Variance denied
BO - 4	Variance denied

Variance denied pending more thorough investigation and further presentation of information by the United States Navy on the condition of these tanks, and their threat to the Thames River).

TO - 1
(same as above) Variance denied

AI - 1	N/A	August 1, 1989
AJ - 1	N/A	August 1, 1989
AK - 1	N/A	August 1, 1989
AL - 1	N/A	August 1, 1989

Phone:



DEPARTMENT OF THE NAVY

NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT 06349-5000

6280
Ser 803/435
31 Oct 88

Ms. Leslie Carothers
Commissioner
Connecticut Department of Environmental Protection
165 Capitol Avenue
Hartford, CT 06106

Handwritten notes and stamps:
NOV 1 1988
U

Dept. of Environmental Protection
OFFICE OF THE COMMISSIONER

Dear Ms. Carothers:

Reference is made to our letter of 26 July 1988 concerning our request for a variance with Section 22a-449(d)-1(1) of the Regulations of Connecticut State Agencies to allow operation and to delay abandonment of underground fuel oil storage tanks beyond 1 November 1988.

Since the submission of our variance request, we have awarded a contract for \$125,000 to replace six underground oil storage tanks on SUBASE NLON. These contracts will replace S01, R01, KK01, DD01 and MM01 contained on the replacement schedule enclosed in our 26 July letter.

We have taken bids on projects R14-87 and R2-88 and the low and only bid was in excess of the funds budgeted for the project. Because our fiscal year ended on 30 September 1988, the funds to complete this work have expired. We will readvertise when funds for completion of these projects become available. A revised schedule will be sent to you when known.

Questions concerning this matter should be directed to Mr. W. L. Mansfield at 449-4481.

Signature of J. N. Loyacano
J. N. LOYACANO
CDR, CEC, USN
Public Works Officer

RECEIVED

NOV 15 1988

Dept. of Environmental Protection
PCB/UST SECTION



revised on

DEPARTMENT OF THE NAVY
 NAVAL SUBMARINE BASE NEW LONDON
 GROTON, CONNECTICUT 06349-5000

Design - U.S.T. - 10-23-1978

6280
 Ser 803/327
 26 Jul 88

Ms. Leslie Carothers
 Commissioner
 Connecticut Department of Environmental Protection
 165 Capitol Ave.
 Hartford, CT 06106

OFFICE OF THE ASSISTANT COMMISSIONER
 OFFICE OF THE COMMISSIONER

Dear Ms. Carothers:

The Naval Submarine Base New London requests a variance per Section 22a - 449(d)-1(1) of the Regulations of Connecticut State Agencies to allow the continued operation of the underground petroleum storage tanks listed in enclosure (1) beyond 1 November 1988 and to delay the abandonment of the tanks listed in enclosure (2) beyond 1 November 1988.

Enclosure (3) contains a schedule for the replacement of these tanks consistent with current funds availability.

The continued use of the tank listed in enclosure (1) is critical to the operation of the Naval Submarine Base New London, the Atlantic Fleet Submarine Force and Coast Guard vessels assigned to the region. A detailed description of the use of each tank is given below.

a. ~~Tanks S01, DD01 and J001~~ *→ OK* are ~~housing all tanks~~ for a weapons overhaul shop, a chapel and a Navy operated motel complex. Tank S01 is a diesel oil tank for a standby generator at the Naval hospital and tanks KK01 and JJ01 are gasoline storage tanks. We are requesting a two month extension beyond 1 November to allow completion of the replacement of these tanks.

b. ~~Tanks W01 and X01~~ *→ OK if power approved hydrostatic test @ Nov. 1, 88* are a lube and a hydraulic oil storage tank respectively. The oils stored in these tanks are delivered by tank truck to submarines and surface ships at the submarine base. We are requesting a ten month extension to allow replacement of these tanks.

c. ~~Tank NN01~~ *→ OK if power approved hydrostatic test Nov. 1, 88* is a storage tank for bilge waste and tank strippings which are approximately 90% water. The tank receives over 2 million gallons of bilge water per year from submarines and surface ships at the Submarine Base piers. We are requesting a ten month extension to allow replacement of this tank.

d. ~~Tank MM01~~ *→ OK if power approved hydrostatic test Nov. 1, 88 and forwarding of copy of discharge permit required* is a 30,000 gallon tank which receives oil/water mixtures from the oil pump room at the submarine base power plant. The oily water mixture stored in the tank is separated prior to the discharge to the sewer system. We are requesting a ten month extension to allow replacement of this tank.

e. [redacted] are 750,000 gallon bulk oil storage tanks where diesel fuel marine (DFM) is stored. This oil is used as fuel on submarines, Navy surface ships and Coast Guard vessels. We are requesting a 57 month extension to allow replacement of these tanks.

various denied pending more thorough investigation and publication of information by US Navy on condition of tanks and threat to human environment

f. [redacted] is a 25,000 gallon oil storage tank where DFM off-loaded from vessels is stored and tested prior to mixing with DFM in the bulk storage tanks. We are requesting 57 month extension to allow replacement of this tank.

various denied - same as e

The replacement of the DFM tanks is a Military Construction Project and is subject to Congressional approval. This project is currently in the FY92 Military Construction Program and the schedule given is predicated on Congressional approval in that fiscal year.

We are in the process of contracting with an engineering firm to do an assessment of the condition and impact on the environment of the tanks which we propose to operate after 1 January 1988. This assessment is to be completed by 1 December 1988 and will be forwarded to your office as soon as it is available.

In addition to these tank replacement projects, we are currently preparing a contract for award in the first quarter of FY89 to abandon tanks [redacted], four gasoline storage tanks and tanks [redacted], three diesel oil tanks. These tanks have been emptied of petroleum products and are currently out of service. We request an extension of nine months beyond 1 November 1988 to allow abandonment of these tanks in accordance with state regulations.

OK, providing soil boring analyses conducted and results forwarded to this office, including analyses for total hydrocarbon

The abandonment of Tank [redacted], a 750,000 gal diesel fuel marine storage tank is included in the military construction project scheduled for FY-92. We are requesting an extension of 57 months beyond 1 November 1988 to allow the abandonment of this tank.

OK if BOI is thoroughly drained + cleaned prior to Nov. 1, 1988 and soil boring analyses as above.

Questions concerning this matter should be directed to Mr. W. L. Mansfield at 449-4481.

JN Loycano
J. N. LOYACANO
CDR, CEC, USN
PUBLIC WORKS Officer

- Encl:
(1) In Service Petroleum Storage Tank Listing
(2) Out of Service Petroleum Storage Tanks to be Abandoned
(3) Replacement Schedule

also require forwarding of daily inventory measurements for last six months March - Sept. 1988

In-Service
Petroleum Storage Tanks

<u>Connecticut ID#</u>	<u>Local ID/Location</u>	<u>Material Stored</u>	<u>Size (gal)</u>
B02	OT#7	DFM	750K
B03	OT#8	DFM	750K
B04	OT#9	DFM	750K
T01	54 H	DFM	25K
V01	54 J	Oily Water	30K
W01	54 K	Lube Oil	30K
X01	54 L	Hydraulic Fluid	30K
NN01	OT#5	Bilge Water/oil	750K
S01	Bldg. 449	Diesel Oil	3.5K
R01	Bldg. 325	#2 Heating Oil	10K
DD01	Bldg. 1001	#2 Heating Oil	5K
MM01	Bldg. CT380	#2 Heating Oil	5K
KK01	Bldg. 428	Gasoline	10K
JJ01	Bldg. 428	Gasoline	10K

Out-of-Service
Petroleum Storage Tanks
to be Abandoned

<u>Connecticut ID#</u>	<u>Local ID/Location</u>	<u>Last Material Stored</u>	<u>Size</u>
B01	OT#4	Diesel Fuel Marine	750K
B06	54E	Diesel Fuel Marine	125K
B07	54F	Diesel Fuel Marine	125K
B08	54G	Diesel Fuel Marine	125K
AK1	TK1, Dolphin Mart	Diesel	10K
AL1	TK2, Dolphin Mart	Gasoline	10K
AI1	TK3, Dolphin Mart	Gasoline	10K
AJ1	TK4, Dolphin Mart	Gasoline	10K

Enclosure (2)

Replacement Schedule

	Project #	Award Contract	Contract Completion
Tanks S01, R01, KK01, DD01, MM01	N/A	30 Aug 88	1 Jan 88
Tanks W01, X01	R14-87	1 Nov 88	1 Sep 89
Tank NN01	C34-87	1 Jan 89	1 Sep 89
Tank V01	R2-88	1 Nov 88	1 Sep 89
Tank B02, B03 B04 & T01	P-415	1 Apr 92	1 Jul 93

Enclosure (3)

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ACM DOCUMENTATION



DEPARTMENT OF THE NAVY

NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT 06349-5000

5090
Ser N8S1/0349
25 April 2007

State of Connecticut
Department of Public Health
Indoor Air Program
MS #51-Air
410 Capitol Avenue
P.O. Box 340308
Hartford CT 06134-0308

ASBESTOS ABATEMENT NOTIFICATION FORM

Enclosed is an Asbestos Abatement Notification Form for an asbestos abatement project scheduled to take place at the U.S. Navy's Shepherd of the Sea Chapel, on Gungywamp Road, in Groton, Connecticut, during May of 2007. This chapel is operated and maintained by the Naval Submarine Base New London (SUBASENLON), in Groton, CT. This work is to be done by SUBASENLON Public Works Department employees at the chapel, Building 1001. The work specifically involves the removal of asbestos pipe insulation at this location. Notification for this work was last sent to your office in a letter dated January 16, 2007 in which it was indicated that the work was to occur during the time period of January 29, 2007 to February 28, 2007. However, continued scheduling difficulties related to shutting down the heating system to this facility during the winter prevented the work from being done. Now that the heating season is over, it is hoped that this work can be successfully completed. In accordance with the findings of the October 14, 1998 memorandum, completed by the Assistant Attorney General's Office of the State of Connecticut, notification fee payment is not included with this submission.

Questions on this matter may be directed to Mr. Richard Massad at (860) 694-5140.

A handwritten signature in black ink, appearing to read "Andrew J. Stackpole".

ANDREW J. STACKPOLE
Environmental Director
By direction of
the Commanding Officer

Enclosure: Notification Form



STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
ASBESTOS ABATEMENT NOTIFICATION FORM

State Use Only

Post Mark Date: _____
 Check #: _____
 Amount: _____
 Transmittal #: _____
 Record #: _____

This form is to be completed, postmarked and filed with the Connecticut Department of Public Health ten (10) days prior to the start of asbestos abatement, as required by the Regulations of Connecticut State Agencies, Section 19a-332a-3. In case of emergency notifications, this form is to be completed and postmarked within one (1) working day following the start of asbestos abatement. The U.S. EPA may require notification of abatement or demolition, as per 40 CFR, Part 61, the asbestos NESHAP regulation. Faxed originals are not acceptable. Revisions may be faxed unless a fee is required.

INSTRUCTIONS FOR FILLING IN FORM USING 'WORD':
 This is a form that will only accept information in the "form fields". **Do not use the ENTER** button or a mouse. Use **TAB** to advance to the next field.

Mail completed notification to the address listed below

1. TYPE OF NOTIFICATION

A. NEW X B. BLANKET _____ C. CANCELLATION / POSTPONED (C) _____ (P) _____
 D. REVISED _____ (ITEMS REVISED) _____ REVISION # _____
 E. EMERGENCY _____ DESCRIBE NATURE OF EMERGENCY _____

2. ABATEMENT CONTRACTOR:

NAME: Naval Submarine Base New London LICENSE # N/A
 ADDRESS: Public Works Dept. Bldg. 451, Wahoo Ave
 CITY: Groton STATE: CT ZIP: 06349
 PHONE #: (860) 694 - 3869 CONTACT PERSON: Bob Lambertson

3. FACILITY OWNER/OPERATOR:

NAME: Naval Submarine Base New London
 ADDRESS: Route 12 and Crystal Lake Road
 CITY: Groton STATE: CT ZIP: 06349
 PHONE #: (860) 694-5140 CONTACT PERSON: Rich Massad

4. NAME OF FACILITY: (MUST BE FILLED IN)

NAME: U.S. Navy - Shepherd of the Sea Chapel, Bldg. 1001
 ADDRESS: Gungywamp Road
 CITY: Groton STATE: CT ZIP: 06349

5.(A) START DATE: 7 May 07 **5.(B) COMPLETION DATE:** 31 May 07

FOR PROJECTS INVOLVING 160 SQ. FT OR MORE OF ASBESTOS

6.(A) TOTAL COST OF ABATEMENT:	<u> N/A </u>	6.(B) REVISIED COST	<u> _____ </u>
7.(A)	<u> _____ </u>	7.(B)	<u> _____ </u>
8.(A)	<u> _____ </u>	8.(B)	<u> _____ </u>

Phone: (860) 509-7367/ Fax (860) 509-7378
 410 Capitol Avenue, MS 51 AIR
 P.O. Box 340308
 Hartford, CT 06134-0308
 An Equal Opportunity Employer

Enclosure

7. USE OF FACILITY:

A. SCHOOL(K-12) _____ B. PUBLIC BUILDING _____ C. MANUFACTURING _____ D. OFFICE _____ E. COLLEGE _____
 F. COMMERCIAL _____ G. CHURCH/SYNAGOGUE H. RESIDENTIAL, # OF DWELLINGS _____ I. OTHER _____ (SPECIFY) _____

8. BUILDING DATA: 23,000 1 30
 SQUARE FEET: # OF FLOORS AGE:

9. ABATEMENT CLASSIFICATION :

A. RENOVATION B. DEMOLITION _____ C. ORDERED DEMO (AGENCY ISSUING ORDER): _____

NOTE: Attach Demolition Order

10. ABATEMENT TECHNIQUE:

A. FULL CONTAINMENT WITH NEGATIVE AIR B. ALTERNATIVE WORK PRACTICE (PRE-APPROVAL REQUIRED) _____
Project Designer / LICENSE # _____
 C. EXTERIOR ABATEMENT _____ D. SPOT REPAIR (>25 SQ. FT. TOTAL) _____

11. ABATEMENT METHOD:

A. REMOVAL
 B. ENCAPSULATION _____
 C. ENCLOSURE _____

12. TYPE OF DECONTAMINATION SYSTEM:

A. CONTIGUOUS B. REMOTE _____

13. TYPE AND AMOUNT OF ASBESTOS TO BE ABATED: (REPORTED IN SQUARE FEET):

FRIABLE MATERIAL

NONFRIABLE MATERIAL

A. SPRAYED/TROWELED ON: _____	Category I
B. BOILER INSULATION: _____	I.: FLOOR COVERINGS/TILES: _____
C. TANK INSULATION: _____	J.: ROOFING, SPECIFY: _____
D. BREECHING INSULATION: _____	K. GASKETS, PACKINGS: _____
E. DUCT INSULATION: _____	Category II
F. CEILING TILES: _____	L. TRANSITE BOARD: _____
G. OTHER, SPECIFY: _____	M. OTHER, SPECIFY: _____
H.* PIPE INSULATION (FILL OUT BELOW)	

(Pipe diameter)	"	(Linear Feet)	x	(Conversion Factor)*	=	Total Sq. Ft.
1	"	50	x	0.26	=	13
3	"	50	x	0.79	=	39.5
	"		x		=	
Total Square Feet (PIPE)						52.5

(*see Notif Conversion table)

14. WASTE DISPOSAL SITE (IF MULTIPLE SITES, LIST SEPARATELY):

NAME: Waste Management of NH
 ADDRESS: 94 Rochester Neck Road
 CITY, STATE, ZIP: Gonic, NH 03839
 OWNER, OPERATOR: Waste Management Inc.

15. HAULER/WASTE TRANSPORTER:

NAME: Waste Management NEET Inc.
 ADDRESS: PO Box 144
 CITY, STATE, ZIP: Portland, CT 06480
Name of Individual Completing This Form Rich Massad

Susana Arispe

From: Kramer, MaryLou <MaryLou.Kramer@ct.gov> on behalf of DEEP FOIA <Deep.FOIA@ct.gov>
Sent: Friday, January 31, 2014 4:12 PM
To: Susana Arispe
Cc: Pagan, Maritza; Thornhill-Moody, Selena; VanDerlip, Carol
Subject: FW: FOIA Request for U.S. Navy Property (F-14-33)
Attachments: foia_request_form.doc

Dear Ms. Arispe:

This responds to your request for public records which you submitted to the Department January 29, 2014. In response to your request, the Department will search its files to locate the requested records and to determine which, if any, contain privileged information. The search will be conducted as promptly as possible, and as each Bureau completes its search, you will be notified. Please be advised that responsive documents exceeding \$10.00 will require prepayment. Please notify me if you no longer have a need for this information as soon as possible.

Given the scope of your records request, it may take some time for the Department to search its files. The Waste, Water, and Air Management Bureau files are available for public inspection on Tuesday, Wednesday and Thursday (excluding State holidays) from 9:00 am to 3:00 pm and by appointment on Mondays and Fridays. If you decide that your needs may be more quickly addressed if you review the files yourself, please notify the FOIA liaisons copied below. You can certainly feel free to contact any of the FOIA liaisons below directly regarding your request.

Please note that the presence or absence of information in the Department's files does not indicate there are or are not violations or environmental problems at a site or facility.

If you have any questions in the interim, please feel free to contact me. Thank you.

cc: Carol VanDerlip, Bureau of Air Management, (Dial 711 for "Relay CT",
(ask for TTY # 860-424-3966 or carol.vanderlip@ct.gov)

Maritza Pagan, (Waste - Bureau of Material Management & Compliance Assurance,
(860-424-3095 or maritza.pagan@ct.gov)

Selena Thornhill-Moody, Water/Remediation - Bureau of Water Protection & Land Re-Use,
(860-424-3502 or Selena.Thornhill-Moody@ct.gov)

Mary Lou Kramer, Paralegal
Office of Legal Counsel
Office of the Commissioner
Connecticut Department of Energy and Environmental Protection
79 Elm St.
Hartford, CT 06106
Tel: 860-424-3058 (x3058)
Fax: 860 424-4053
Email: marylou.kramer@ct.gov



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From: Susana Arispe [<mailto:Susana.Arispe@erm.com>]
Sent: Wednesday, January 29, 2014 4:14 PM
To: DEEP FOIA
Subject: FOIA Request for U.S. Navy Property

FOIA Administrator,

Attached please find a FOIA request for environmental information on two U.S. Navy properties in Groton, CT. Please let me know if there are any questions or comments regarding my request.

Kind regards,

Susana C. Arispe

Project Manager

~~~~~  
Environmental Resources Management  
200 Harry S. Truman Pkwy  
Annapolis, MD 21401  
(410)266-0006  
fax: (410)266-8912

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## Susana Arispe

---

**From:** Skomro, Ronald <Ron.Skomro@po.state.ct.us>  
**Sent:** Wednesday, March 05, 2014 12:08 PM  
**To:** Susana Arispe  
**Cc:** Gerrish, William; Graff, Kathy  
**Subject:** Freedom of Information Act Request - 213 and 235 Gungywamp Road, Groton, CT  
**Attachments:** Groton Foirequest form.pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Dear Ms. Arispe:

This correspondence is provided in response to your February 11, 2014 Freedom of Information Act request (attached) submitted to the Connecticut Department of Public Health (DPH). You requested the following information:

**Any information regarding asbestos abatement, including any notifications available, related to the Shepard of the Sea Chapel, 213 Gungywamp Road and the Nautilus Community Center, 235 Gungywamp Road, Groton, CT**

Please be advised that the DPH Asbestos Program has conducted a review of its files in response to your request. No information responsive to your request was identified as a result of that review process.

Please contact me should you need additional assistance.

Sincerely,

Ronald Skomro  
Supervising Environmental Analyst  
DPH Asbestos Program  
(860) 509-7367

---

**From:** Susana Arispe [<mailto:Susana.Arispe@erm.com>]  
**Sent:** Tuesday, February 11, 2014 11:40 AM  
**To:** Communications, DPH  
**Subject:** FOI Request for two U.S. Navy Properties in Groton, CT.

Good Morning Mr. Gerrish,

Attached please find a FOI request for any available asbestos information on two U.S. Navy properties in Groton, CT. Please let me know if there are any questions or comments regarding my request.

Kind Regards,

Susana C. Arispe

Project Manager

~~~~~  
Environmental Resources Management
200 Harry S. Truman Pkwy
Annapolis, MD 21401
(410)266-0006
fax: (410)266-8912

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Please visit ERM's web site: <http://www.erm.com>

BUILDING #1001 - NARRATIVE

FINDINGS

Of the twenty-nine (29) suspect homogeneous area(s) identified during the survey, six (6) were laboratory analyzed and three (3) were assumed to be asbestos-containing. The Asbestos Assessment Survey sheet following this narrative lists each homogenous area identified, the quantity of each material, percentage of asbestos, type of asbestos and description of each homogenous area.

OBSERVATIONS

The types of asbestos-containing material (ACM) identified in Building #1001 are:

- 2"-4" cal/mag pipe insulation
- T-joints on pipe
- 9x9 olive floor tile
- 9x9 olive floor tile mastic
- Residual mastic
- Roof flashing
- Flexible duct connector (assumed)
- Pipe gaskets (assumed)
- Fire doors (assumed)

Refer to the NEESA forms for the location of each ACM.

POTENTIAL HAZARDS

There were no potential hazards at the time of inspection in Building #1001.

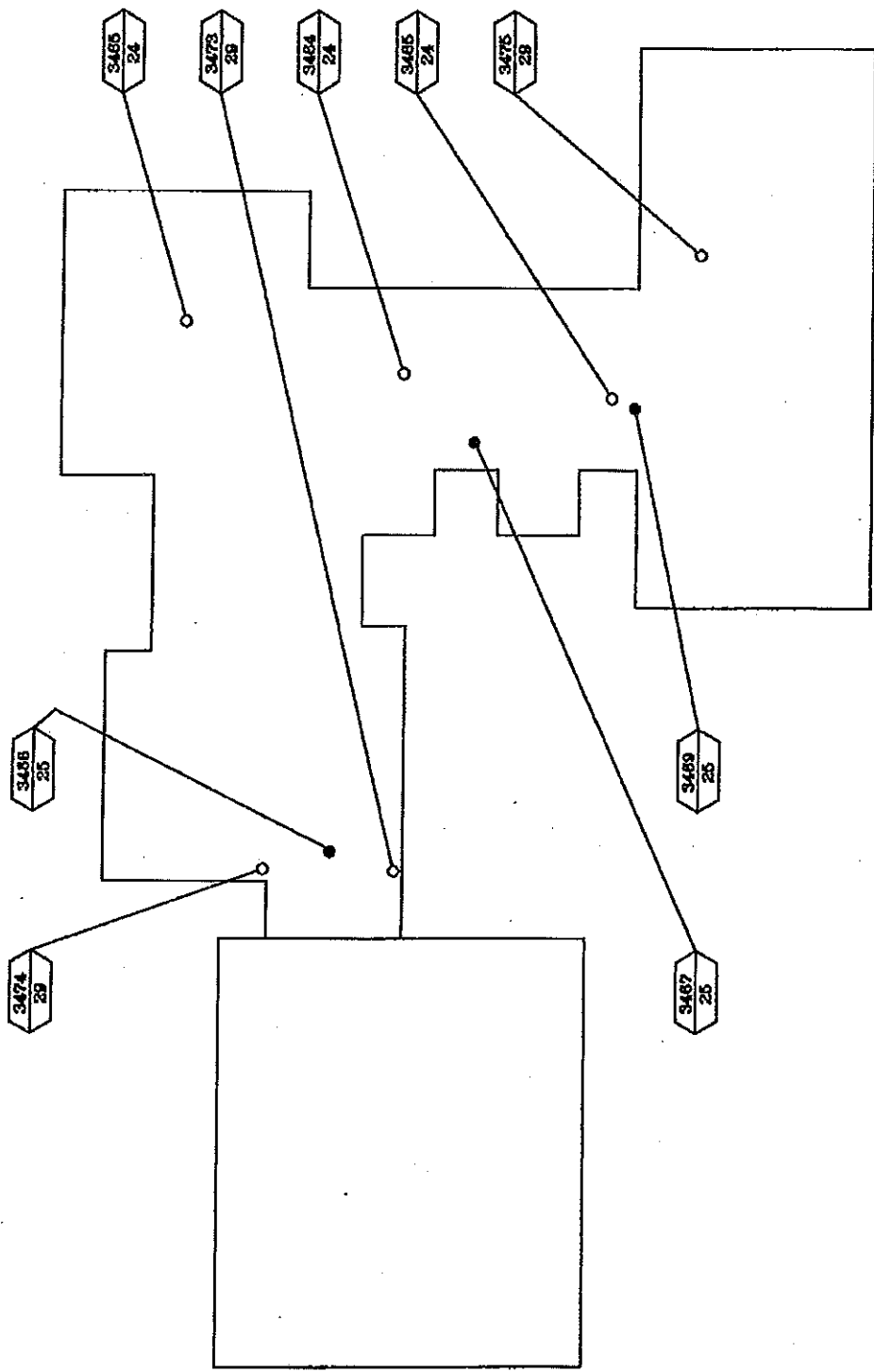
REMOVAL, REPLACEMENT and DESIGN COSTS

The total removal, replacement and design costs in Building #1001 is \$88,437.80 for all ACM identified through bulk sampling. The assumed material cost is \$2,560.30. The individual removal and replacement cost for each ACM can be found on the Asbestos Assessment Survey sheet.

RECOMMENDATIONS

All identified ACMs associated with Building #1001 should be implemented into an on-going Operations and Maintenance (O&M) program.

95-1P42-0326-0020TABLES\1001.NAR



BUILDING 1001 - CHAPEL ROOF

NOT TO SCALE

NEGATIVE SAMPLE

POSITIVE SAMPLE

SAMPLE NUMBER

SITE SPECIFIC PREFIX 50926-0013

HOMOGENEOUS AREA NUMBER 11

L. ROBERT KIMBALL & ASSOCIATES, INC.

415 MOON CLINTON ROAD
CORAOPOLIS, PA 16108

DATE: AUGUST 1986

NAVY SUBMARINE BASE
NEW LONDON
ASBESTOS ASSESSMENT SURVEY

BUILDING 1001 ROOF

PROJECT NO.: 95-1P42-0926-0090

GROTON, CONNECTICUT

ASBESTOS ASSESSMENT SURVEY
U.S. NAVY

Page: 1 December 15, 1995
(Report 1)

UIC: M00129
Activity: SUBBASE N10K
Building: 1001

Building Type: OTHER
Year Constructed: 1966
Inspector: JAMIE DJAKOVICH

** Homogeneous Area 1 CHAPLAIN'S OFFICE N WALL Asbestos Form: SHEET Asbestos Function: VINYL FLOORING
 \$\$ REPLACE 10994.00 \$\$ REMOVAL 18240.00 \$\$ DESIGN 1094.40 \$\$ TOTAL 30328.40
 XASB QUANTITY SAMPLE DESCRIPTION
 503263410A 10 3648 SF 9X9 OLIVE F.T.
 503263411A 10 3648 SF 9X9 OLIVE F.T.
 503263412A 10 3648 SF 9X9 OLIVE F.T.

Recommended Action: O&M PROGRAM

** Homogeneous Area 2 CHAPLAIN'S OFFICE N WALL Asbestos Form: TROWLED-ON Asbestos Function: OTHER
 \$\$ REPLACE 10994.00 \$\$ REMOVAL 18240.00 \$\$ DESIGN 1094.40 \$\$ TOTAL 30328.40
 XASB QUANTITY SAMPLE DESCRIPTION
 503263410B 10 3648 SF 9X9 OLIVE MASTIC
 503263411B 10 3648 SF 9X9 OLIVE MASTIC
 503263412B 10 3648 SF 9X9 OLIVE MASTIC

Recommended Action: O&M PROGRAM

** Homogeneous Area 3 RM 110 NW CORNER Asbestos Form: SHEET Asbestos Function: OTHER
 \$\$ REPLACE 0.00 \$\$ REMOVAL 0.00 \$\$ DESIGN 0.00 \$\$ TOTAL 0.00
 XASB QUANTITY SAMPLE DESCRIPTION
 503263413 0 15742 SF DRYWALL
 503263414 0 15742 SF DRYWALL
 503263415 0 15742 SF DRYWALL

Recommended Action: N/A

** Homogeneous Area 4 RM 119 AT NE EXIT Asbestos Form: TROWLED-ON Asbestos Function: OTHER
 \$\$ REPLACE 0.00 \$\$ REMOVAL 0.00 \$\$ DESIGN 0.00 \$\$ TOTAL 0.00
 XASB QUANTITY SAMPLE DESCRIPTION
 503263416 0 3148 SF DRYWALL COMPOUND
 503263417 0 3148 SF DRYWALL COMPOUND
 503263418 0 3148 SF DRYWALL COMPOUND

Recommended Action: N/A

** Homogeneous Area 5 CHOIR BALCONY W END Asbestos Form: SHEET Asbestos Function: VINYL FLOORING
 \$\$ REPLACE 0.00 \$\$ REMOVAL 0.00 \$\$ DESIGN 0.00 \$\$ TOTAL 0.00
 XASB QUANTITY SAMPLE DESCRIPTION
 503263419A 0 596 SF 12X12 TAN F.T.
 503263420A 0 596 SF 12X12 TAN F.T.
 503263421A 0 596 SF 12X12 TAN F.T.

Recommended Action: N/A

ASBESTOS ASSESSMENT SURVEY
U.S. NAVY

Page: 3 December 15, 1995
(Report 1)

UIC: M00129
Activity: SUBASE NILON
Building: 1001

Building Type: OTHER
Year Constructed: 1966
Inspector: JANE DJAKOVICH

** Homogeneous Area	11	MEN'S RM ENTRANCE	Asbestos Form: PREFORMED	Asbestos Function: HI-TEMP HOT WATER LINE	Recommended Action: O&M PROGRAM
\$\$ REPLACE	1100.00	\$\$ REMOVAL	3300.00	198.00	4598.00
SAMPLE #		QUANTITY	\$\$ DESIGN	\$\$ TOTAL	
503263431	33	220 LF			
503263432	33	2" x 4" CAL/MAG P.I.			
503263433	33	2" x 4" CAL/MAG P.I.			

** Homogeneous Area	12	MEN'S RM ENTRANCE	Asbestos Form: MOLOED	Asbestos Function: HI-TEMP HOT WATER LINE	Recommended Action: N/A
\$\$ REPLACE	0.00	\$\$ REMOVAL	0.00	0.00	0.00
SAMPLE #		QUANTITY	\$\$ DESIGN	\$\$ TOTAL	
503263434	0	72 NA			
503263435	0	72 NA			
503263436	0	72 NA			

** Homogeneous Area	13	BOILER RM WEST END	Asbestos Form: PREFORMED	Asbestos Function: DUCT	Recommended Action: N/A
\$\$ REPLACE	0.00	\$\$ REMOVAL	0.00	0.00	0.00
SAMPLE #		QUANTITY	\$\$ DESIGN	\$\$ TOTAL	
503263437	0	18 SF			
503263438	0	18 SF			
503263439	0	18 SF			

** Homogeneous Area	14	WOMENS RM E CORNER	Asbestos Form: MOLOED	Asbestos Function: HI-TEMP HOT WATER LINE	Recommended Action: N/A
\$\$ REPLACE	0.00	\$\$ REMOVAL	0.00	0.00	0.00
SAMPLE #		QUANTITY	\$\$ DESIGN	\$\$ TOTAL	
503263440	0	29 NA			
503263441	0	29 NA			
503263442	0	29 NA			

** Homogeneous Area	15	BOILER RM WEST SIDE	Asbestos Form: TROMILLED-ON	Asbestos Function: GASKET/SEAL	Recommended Action: N/A
\$\$ REPLACE	0.00	\$\$ REMOVAL	0.00	0.00	0.00
SAMPLE #		QUANTITY	\$\$ DESIGN	\$\$ TOTAL	
503263443	0	4 SF			
503263444	0	4 SF			

ASBESTOS ASSESSMENT SURVEY
U.S. NAVY

Page: 4 December 15, 1995
(Report 1)

UIC: N00129
Activity: SUBASE NLOW
Building: 1001

Building Type: OTHER
Year Constructed: 1966
Inspector: JANE D.JAKOVICH

503263445 0 4 SF MUDDIED SEALANT

** Homogeneous Area 16 BOILER RM WEST SIDE Asbestos Form: SHEET Recommended Action: O&M PROGRAM
 \$\$ REPLACE 50.00 \$\$ REMOVAL 50.00 \$\$ DESIGN 103.00
 SAMPLE # XASB QUANTITY SAMPLE DESCRIPTION
 ASSUMED 40 2 NA PIPE GASKETS

** Homogeneous Area 17 BOILER RM WEST WALL Asbestos Form: MOLOED Recommended Action: O&M PROGRAM
 \$\$ REPLACE 30.00 \$\$ REMOVAL 120.00 \$\$ DESIGN 157.20
 SAMPLE # XASB QUANTITY SAMPLE DESCRIPTION
 503263446 35 3 NA MUDDIED T JOINTS @ P.
 503263447 35 3 NA MUDDIED T JOINTS @ P.
 503263448 35 3 NA MUDDIED T JOINTS @ P.

** Homogeneous Area 18 RM 112 @ DOOR Asbestos Form: SHEET Recommended Action: N/A
 \$\$ REPLACE 0.00 \$\$ REMOVAL 0.00 \$\$ DESIGN 0.00
 SAMPLE # XASB QUANTITY SAMPLE DESCRIPTION
 503263449A 0 523 SF BEIGE KICKSTRIP
 503263450A 0 523 SF BEIGE KICKSTRIP
 503263451A 0 523 SF BEIGE KICKSTRIP

** Homogeneous Area 19 RM 112 @ DOOR Asbestos Form: TROMLLED-ON Recommended Action: N/A
 \$\$ REPLACE 0.00 \$\$ REMOVAL 0.00 \$\$ DESIGN 0.00
 SAMPLE # XASB QUANTITY SAMPLE DESCRIPTION
 503263449B 0 523 SF BEIGE K.S. MASTIC
 503263450B 0 523 SF BEIGE K.S. MASTIC
 503263451B 0 523 SF BEIGE K.S. MASTIC

** Homogeneous Area 20 ROOM 116 CENTER Asbestos Form: PREFORMED Recommended Action: N/A
 \$\$ REPLACE 0.00 \$\$ REMOVAL 0.00 \$\$ DESIGN 0.00
 SAMPLE # XASB QUANTITY SAMPLE DESCRIPTION
 503263452 0 5223 SF 2X2 ROUGH C.T.
 503263453 0 5223 SF 2X2 ROUGH C.T.
 503263454 0 5223 SF 2X2 ROUGH C.T.

ASBESTOS ASSESSMENT SURVEY
U.S. NAVY

Page: 5 December 15, 1995
(Report 1)

UIC: N00129
Activity: SUBASE NLON
Building: 1001

Building Type: OTHER
Year Constructed: 1966
Inspector: JANE DJAKOVICH

** Homogeneous Area 21 KITCHEN E WALL Asbestos Form: PREFORMED Asbestos Function: CEILING TILE Recommended Action: N/A
 \$\$ REPLACE 0.00 \$\$ REMOVAL 0.00 \$\$ DESIGN 0.00 \$\$ TOTAL 0.00
 SAMPLE # %ASB QUANTITY SAMPLE DESCRIPTION
 503263455 0 252 SF 1X1 SMOOTH C.T.
 503263456 0 252 SF 1X1 SMOOTH C.T.
 503263457 0 252 SF 1X1 SMOOTH C.T.

** Homogeneous Area 22 KITCHEN E WALL Asbestos Form: TROKLED-ON Asbestos Function: OTHER Recommended Action: N/A
 \$\$ REPLACE 0.00 \$\$ REMOVAL 0.00 \$\$ DESIGN 0.00 \$\$ TOTAL 0.00
 SAMPLE # %ASB QUANTITY SAMPLE DESCRIPTION
 503263458 0 63 SF 1X1 SMOOTH MASTIC
 503263459 0 63 SF 1X1 SMOOTH MASTIC
 503263460 0 63 SF 1X1 SMOOTH MASTIC

** Homogeneous Area 23 N END WOMEN'S RM E WALL Asbestos Form: PREFORMED Asbestos Function: CEILING TILE Recommended Action: N/A
 \$\$ REPLACE 0.00 \$\$ REMOVAL 0.00 \$\$ DESIGN 0.00 \$\$ TOTAL 0.00
 SAMPLE # %ASB QUANTITY SAMPLE DESCRIPTION
 503263461 0 244 SF 2X2 FISURED C.T.
 503263462 0 244 SF 2X2 FISURED C.T.
 503263463 0 244 SF 2X2 FISURED C.T.

** Homogeneous Area 24 ROOF CENTER Asbestos Form: OTHER Asbestos Function: OTHER Recommended Action: N/A
 \$\$ REPLACE 0.00 \$\$ REMOVAL 0.00 \$\$ DESIGN 0.00 \$\$ TOTAL 0.00
 SAMPLE # %ASB QUANTITY SAMPLE DESCRIPTION
 503263464 0 7307 SF BUILT UP ROOF
 503263465 0 7307 SF BUILT UP ROOF
 503263466 0 7307 SF BUILT UP ROOF

** Homogeneous Area 25 ROOF CENTER Asbestos Form: OTHER Asbestos Function: OTHER Recommended Action: O&M PROGRAM
 \$\$ REPLACE 7672.00 \$\$ REMOVAL 5480.00 \$\$ DESIGN 13480.80
 SAMPLE # %ASB QUANTITY SAMPLE DESCRIPTION
 503263467 15 1096 SF FLASHING
 503263468 15 1096 SF FLASHING

BUILDING #1004 - NARRATIVE

FINDINGS

Of the eleven (11) suspect homogeneous area(s) identified during the survey, five (5) were laboratory analyzed to be asbestos-containing. The Asbestos Assessment survey sheet following this narrative lists each homogenous area identified, the quantity of each material, percentage of asbestos, type of asbestos and description of each homogenous area.

OBSERVATIONS

The types of asbestos-containing material (ACM) identified in Building #1004 are:

12x12 gray floor tile
12x12 gray floor tile mastic
Transite panels
Built-up roof
Roof flashing

Refer to the NEESA forms for the location of each ACM.

POTENTIAL HAZARDS

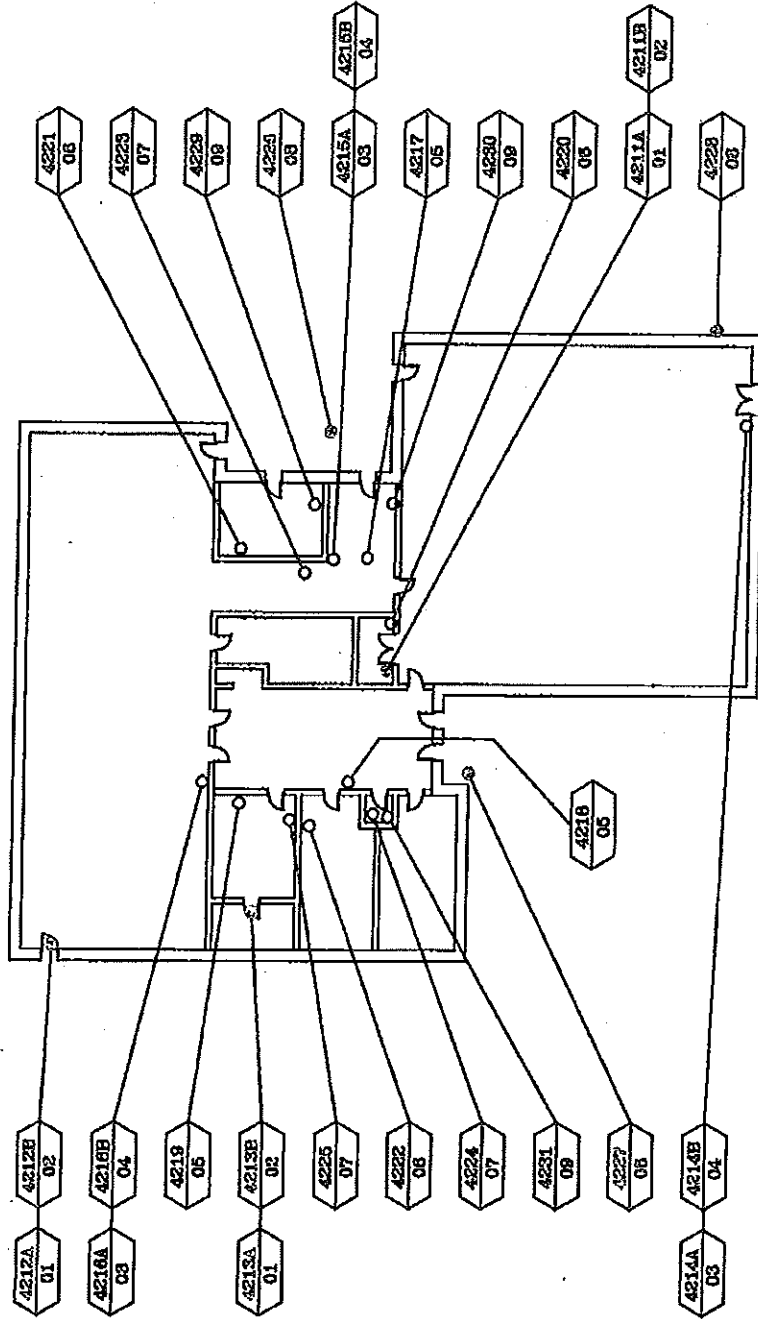
There were no potential hazards at the time of inspection in Building #1004.

REMOVAL, REPLACEMENT and DESIGN COSTS

The total removal, replacement and design costs in Building #1004 is \$138,461.30 for all ACM identified through bulk sampling. The individual removal and replacement cost for each ACM can be found on the Asbestos Assessment Survey Sheet.

RECOMMENDATIONS

All identified ACMs associated with Building #1004 should be implemented into an on-going Operations and Maintenance (O&M) program.

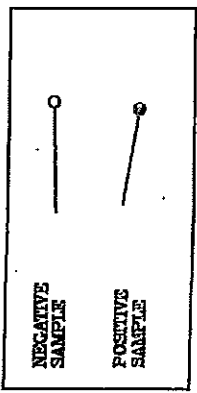


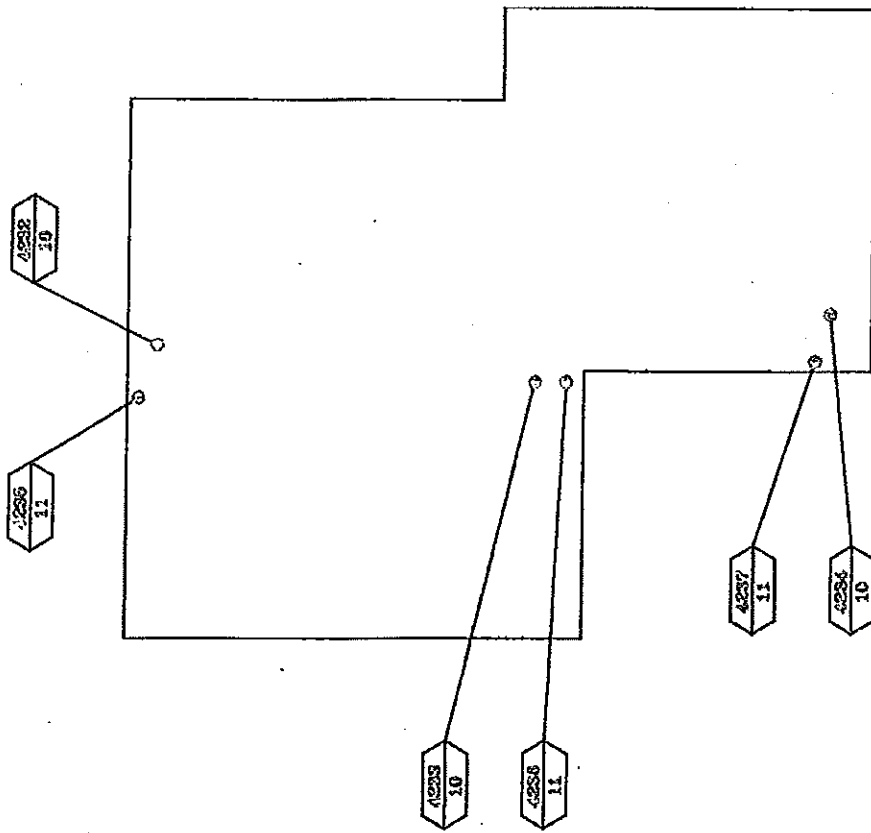
BUILDING 1004
NOT TO SCALE

NAVY SUBMARINE BASE
NEW LONDON
ASBESTOS ASSESSMENT SURVEY
BUILDING 1004
PROJECT NO.: 95-1P42--0326--0090
GROTON, CONNECTICUT

L. ROBERT KIMBALL & ASSOCIATES, INC.
415 MOON CLINTON ROAD
CORACOPUS, PA 15106
DATE: AUGUST 1995

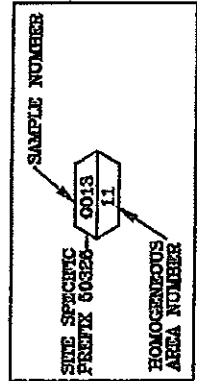
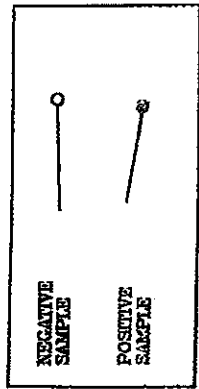
SAMPLE NUMBER
SITE SPECIFIC PREFIX 66526
HOMOGENEOUS AREA NUMBER
0019
11





BUILDING 1004 - ROOF PLAN

NOT TO SCALE



L. ROBERT KIMBALL & ASSOCIATES, INC.
 415 MOON CLINTON ROAD
 CORAOPOLIS, PA 16108
 DATE: AUGUST 1986

NAVY SUBMARINE BASE
 NEW LONDON
 ASBESTOS ASSESSMENT SURVEY
BUILDING 1004 ROOF
 PROJECT NO.: 95-1P42-0326-0090
 GROTON, CONNECTICUT

UIC: N00129
Activity: SUBBASE NILON
Building: 1004

Building Type: HOUSING/COMMUNITY
Year Constructed: 1974
Inspector: JAMES BOGDAN

** Homogeneous Area 1 PLAY RM 1 AT CLOSET Asbestos Form: SHEET Recommended Action: O&M PROGRAM
 \$\$ REPLACE 12213.00 \$\$ REMOVAL 20335.00 \$\$ DESIGN 1221.30 \$\$ TOTAL 33769.30
 XASB QUANTITY SAMPLE DESCRIPTION

10 4071 SF 12X12 GRAY F.T.
 10 4071 SF 12X12 GRAY F.T.
 10 4071 SF 12X12 GRAY F.T.

** Homogeneous Area 2 PLAYRM 1 AT CLOSET Asbestos Form: TROMILLED-ON Asbestos Function: OTHER
 \$\$ REPLACE 12213.00 \$\$ REMOVAL 20335.00 \$\$ DESIGN 1221.30 \$\$ TOTAL 33769.30
 XASB QUANTITY SAMPLE DESCRIPTION

10 4071 SF 12X12 GRAY MASTIC
 10 4071 SF 12X12 GRAY MASTIC
 10 4071 SF 12X12 GRAY MASTIC

** Homogeneous Area 3 PLAYRM 1 AT SW EXIT Asbestos Form: SHEET Recommended Action: N/A
 \$\$ REPLACE 0.00 \$\$ REMOVAL 0.00 \$\$ DESIGN 0.00 \$\$ TOTAL 0.00
 XASB QUANTITY SAMPLE DESCRIPTION

0 267 SF BLACK KICKSTRIP
 0 267 SF BLACK KICKSTRIP
 0 267 SF BLACK KICKSTRIP

** Homogeneous Area 4 PLAYRM 1 AT SW EXIT Asbestos Form: TROMILLED-ON Asbestos Function: OTHER
 \$\$ REPLACE 0.00 \$\$ REMOVAL 0.00 \$\$ DESIGN 0.00 \$\$ TOTAL 0.00
 XASB QUANTITY SAMPLE DESCRIPTION

0 267 SF BLACK KICKSTRIP MASTIC
 0 267 SF BLACK KICKSTRIP MASTIC
 0 267 SF BLACK KICKSTRIP MASTIC

** Homogeneous Area 5 KITCHEN AT HALLWAY Asbestos Form: PREFORMED Asbestos Function: CEILING TILE
 \$\$ REPLACE 0.00 \$\$ REMOVAL 0.00 \$\$ DESIGN 0.00 \$\$ TOTAL 0.00
 XASB QUANTITY SAMPLE DESCRIPTION

0 960 SF 2X4 FISSURED C.T.
 0 960 SF 2X4 FISSURED C.T.
 0 960 SF 2X4 FISSURED C.T.

ASBESTOS ASSESSMENT SURVEY
U.S. NAVY

Page: 3 December 15, 1995
(Report 1)

UIC: H00129
Activity: SUBASE N10N
Building: 1004

Building Type: HOUSING/COMMUNITY
Year Constructed: 1974
Inspector: JAMES BOGDAN

503264234 5 4299 SF ROOF FELT PAPER

Homogeneous Area	11	E ROOF PERIMETER	Asbestos Form: TROMILLED-ON	Asbestos Function: OTHER	Recommended Action: O&M PROGRAM
REPLACE	2450.00	\$\$\$ REMOVAL	1750.00 \$\$\$ DESIGN	105.00 \$\$\$ TOTAL	4305.00
SAMPLE #	%ASB	QUANTITY	SAMPLE DESCRIPTION		
503264235	5	350 SF	ROOF FLASHING		
503264236	5	350 SF	ROOF FLASHING		
503264237	5	350 SF	ROOF FLASHING		

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**CTDEEP LIST OF ENDANGERED, THREATENED,
AND SPECIAL CONCERN FOR NEW LONDON COUNTY,
USFWS SPECIES REPORT FOR NEW LONDON COUNTY, AND
NATURAL DIVERSITY DATABASE**



A County Report of Connecticut's Endangered, Threatened and Special Concern

New London County

Amphibians

Scientific Name	Common Name	Protection Status
<i>Ambystoma laterale</i>	Blue-spotted salamander	E/SC
<i>Scaphiopus holbrookii</i>	Eastern spadefoot	E

Birds

Scientific Name	Common Name	Protection Status
<i>Ammodramus caudacutus</i>	Saltmarsh sharp-tailed sparrow	SC
<i>Ammodramus henslowii</i>	Henslow's sparrow	SC*
<i>Ammodramus maritimus</i>	Seaside sparrow	T
<i>Ammodramus savannarum</i>	Grasshopper sparrow	E
<i>Anas discors</i>	Blue-winged teal	T
<i>Ardea alba</i>	Great egret	T
<i>Asio flammeus</i>	Short-eared owl	T
<i>Bartramia longicauda</i>	Upland sandpiper	E
<i>Botaurus lentiginosus</i>	American bittern	E
<i>Caprimulgus vociferus</i>	Whip-poor-will	SC
<i>Charadrius melodus</i>	Piping plover	T
<i>Circus cyaneus</i>	Northern harrier	E
<i>Cistothorus platensis</i>	Sedge wren	E
<i>Dolichonyx oryzivorus</i>	Bobolink	SC
<i>Egretta caerulea</i>	Little blue heron	SC
<i>Egretta thula</i>	Snowy egret	T
<i>Empidonax alnorum</i>	Alder flycatcher	SC
<i>Eremophila alpestris</i>	Horned lark	E
<i>Falco peregrinus</i>	Peregrine falcon	T

New London County**Birds**

Scientific Name	Common Name	Protection Status
<i>Gallinula chloropus</i>	Common moorhen	E
<i>Gavia immer</i>	Common loon	SC
<i>Haematopus palliatus</i>	American oystercatcher	T
<i>Haliaeetus leucocephalus</i>	Bald eagle	T
<i>Icteria virens</i>	Yellow-breasted chat	E
<i>Ixobrychus exilis</i>	Least bittern	T
<i>Laterallus jamaicensis</i>	Black rail	E
<i>Melanerpes erythrocephalus</i>	Red-headed woodpecker	E
<i>Parula americana</i>	Northern parula	SC
<i>Passerculus sandwichensis</i>	Savannah sparrow	SC
<i>Passerculus sandwichensis ssp. princeps</i>	Ipswich sparrow	SC
<i>Plegadis falcinellus</i>	Glossy ibis	SC
<i>Progne subis</i>	Purple martin	T
<i>Rallus elegans</i>	King rail	E
<i>Sterna dougallii</i>	Roseate tern	E
<i>Sterna hirundo</i>	Common tern	SC
<i>Sternula antillarum</i>	Least tern	T
<i>Sturnella magna</i>	Eastern meadowlark	SC
<i>Toxostoma rufum</i>	Brown thrasher	SC
<i>Tyto alba</i>	Barn owl	E

Fish

Scientific Name	Common Name	Protection Status
<i>Acipenser brevirostrum</i>	Shortnose sturgeon	E
<i>Acipenser oxyrinchus oxyrinchus</i>	Atlantic sturgeon	T
<i>Alosa aestivalis</i>	Blueback herring	SC
<i>Enneacanthus obesus</i>	Banded sunfish	SC
<i>Notropis bifrenatus</i>	Bridle shiner	SC

New London County

Invertebrates

Scientific Name	Common Name	Protection Status
<i>Abagrotis nefascia benjamini</i>	Coastal heathland cutworm	T
<i>Agrotis stigmosa</i>	Spotted dart moth	SC
<i>Alasmidonta varicosa</i>	Brook floater	E
<i>Apamea burgessi</i>	Apamea moth	SC
<i>Apamea inordinata</i>	Apamea moth	SC
<i>Apamea lintneri</i>	Apamea moth	SC
<i>Argyrostromis anilis</i>	Short-lined Chocolate	SC
<i>Bombus affinis</i>	Affable bumblebee	SC
<i>Brachinus patruelis</i>	Bombardier beetle	SC
<i>Callophrys henrici</i>	Henry's elfin	SC
<i>Callophrys hesseli</i>	Hessel's hairstreak	E
<i>Callophrys irus</i>	Frosted elfin	T
<i>Calopteryx dimidiata</i>	Sparkling jewelwing	T
<i>Catocala pretiosa pretiosa</i>	Precious underwing moth	SC*
<i>Chaetagnela cerata</i>	Noctuid moth	SC
<i>Cicindela formosa generosa</i>	Pine barrens tiger beetle	SC
<i>Cicindela hirticollis</i>	Tiger beetle	SC
<i>Cicindela marginata</i>	Tiger beetle	SC
<i>Cicindela tranquebarica</i>	Dark bellied tiger beetle	SC
<i>Citheronia regalis</i>	Regal moth	SC*
<i>Cordulegaster erronea</i>	Tiger spiketail	T
<i>Drasteria graphica atlantica</i>	False heather underwing	T
<i>Eacles imperialis imperialis</i>	Imperial moth	SC*
<i>Enallagma doubledayi</i>	Atlantic bluet	T
<i>Enallagma minusculum</i>	Little bluet	SC
<i>Enallagma pictum</i>	Scarlet bluet	SC
<i>Epeoloides pilosula</i>	Macropis cuckoo	E
<i>Erynnis brizo</i>	Sleepy duskywing	T

New London County

Invertebrates

Scientific Name	Common Name	Protection Status
<i>Erynnis horatius</i>	Horace's duskywing	SC
<i>Erynnis persius persius</i>	Persius duskywing	E
<i>Eubranchipus holmanii</i>	Fairy shrimp	E
<i>Exyra fax</i>	Pitcher plant moth	SC
<i>Faronta rubripennis</i>	Pink streak	T
<i>Fossaria rustica</i>	Lymnaeid snail	SC
<i>Gomphus adelphus</i>	Mustached clubtail	T
<i>Gomphus fraternus</i>	Midland clubtail	T
<i>Gomphus ventricosus</i>	Skillet clubtail	SC
<i>Grammia phyllira</i>	Phyllira tiger moth	E
<i>Hybomitra frosti</i>	Horse fly	T
<i>Hybomitra trepida</i>	Horse fly	SC
<i>Hybomitra typhus</i>	Horse fly	SC
<i>Ladona deplanata</i>	Blue corporal dragonfly	SC
<i>Lepipolys perscripta</i>	Noctuid moth	SC
<i>Leptodea ochracea</i>	Tidewater mucket	SC
<i>Ligumia nasuta</i>	Eastern pond mussel	SC
<i>Lycaena epixanthe</i>	Bog copper	SC
<i>Macropis ciliata</i>	Fringed loosestrife oil-bee	SC
<i>Margaritifera margaritifera</i>	Eastern pearl shell	SC
<i>Merycomyia whitneyi</i>	Tabanid fly	SC
<i>Oncocnemis riparia</i>	Dune oncocnemis	SC
<i>Papaipema appassionata</i>	Pitcher plant borer	E
<i>Papaipema duovata</i>	Seaside goldenrod stem borer	SC
<i>Procambarus acutus</i>	Whiteriver crayfish	SC
<i>Progomphus obscurus</i>	Common sanddragon	T
<i>Psectraglaea carnosae</i>	Pink sallow	T

New London County

Invertebrates

Scientific Name	Common Name	Protection Status
<i>Sargus fasciatus</i>	Soldier fly	SC
<i>Schinia spinosae</i>	Noctuid moth	SC
<i>Sphodros niger</i>	Purse web spider	SC
<i>Stagnicola catascopium</i>	Lymnaeid snail	SC
<i>Tabanus fulvicallus</i>	Horse fly	SC
<i>Williamsonia lintneri</i>	Banded bog skimmer	E
<i>Zale obliqua</i>	Noctuid moth	SC

Mammals

Scientific Name	Common Name	Protection Status
<i>Lasionycteris noctivagans</i>	Silver-haired bat	SC
<i>Lasiurus borealis</i>	Red bat	SC
<i>Lasiurus cinereus</i>	Hoary bat	SC
<i>Synaptomys cooperi</i>	Southern bog lemming	SC

Plants

Scientific Name	Common Name	Protection Status
<i>Acalypha virginica</i>	Virginia copperleaf	SC
<i>Agalinis acuta</i>	Sandplain gerardia	E
<i>Ageratina aromatica</i>	Small white snakeroot	E
<i>Alopecurus aequalis</i>	Orange foxtail	T
<i>Angelica lucida</i>	Sea-coast angelica	E
<i>Aplectrum hyemale</i>	Puttyroot	SC*
<i>Arethusa bulbosa</i>	Arethusa	SC*
<i>Aristida longespica</i>	Needlegrass	SC
<i>Aristida purpurascens</i>	Arrowfeather	SC
<i>Aristolochia serpentaria</i>	Virginia snakeroot	SC
<i>Asclepias purpurascens</i>	Purple milkweed	SC
<i>Asclepias variegata</i>	White milkweed	SC*

New London County

Plants

Scientific Name	Common Name	Protection Status
<i>Asplenium montanum</i>	Mountain spleenwort	SC
<i>Atriplex glabriuscula</i>	Orache	SC
<i>Bidens beckii</i>	Water-marigold	T
<i>Bidens eatonii</i>	Eaton's beggars-tick	T
<i>Bolboschoenus maritimus ssp. paludosus</i>	Bayonet grass	SC
<i>Bolboschoenus novae-angliae</i>	Salt marsh bulrush	SC
<i>Calystegia spithamea</i>	Low bindweed	SC*
<i>Carex alata</i>	Broadwing sedge	E
<i>Carex bushii</i>	Sedge	SC
<i>Carex buxbaumii</i>	Brown bog sedge	E
<i>Carex crawfordii</i>	Crawford sedge	SC*
<i>Carex cumulata</i>	Clustered sedge	T
<i>Carex davisii</i>	Davis' sedge	T
<i>Carex oligosperma</i>	Few-seeded sedge	SC*
<i>Carex polymorpha</i>	Variable sedge	E
<i>Carex sterilis</i>	Dioecious sedge	SC
<i>Carex tuckermanii</i>	Tuckerman's sedge	SC
<i>Carex typhina</i>	Sedge	SC
<i>Castilleja coccinea</i>	Indian paintbrush	T
<i>Chenopodium rubrum</i>	Coast blite	SC*
<i>Cirsium horridulum</i>	Yellow thistle	E
<i>Coeloglossum viride</i>	Long-bracted green orchid	E
<i>Corallorhiza trifida</i>	Early coral root	SC
<i>Crassula aquatica</i>	Pygmyweed	E
<i>Cuphea viscosissima</i>	Blue waxweed	SC*
<i>Cuscuta coryli</i>	Hazel dodder	SC*
<i>Cypripedium parviflorum</i>	Yellow lady's-slipper	SC
<i>Deschampsia caespitosa</i>	Tufted hairgrass	SC

New London County

Plants

Scientific Name	Common Name	Protection Status
<i>Desmodium glabellum</i>	Dillenius' tick-trefoil	SC
<i>Desmodium humifusum</i>	Trailing tick-trefoil	E
<i>Desmodium sessilifolium</i>	Sessile-leaf tick-trefoil	SC*
<i>Dichanthelium ovale</i> var. <i>addisonii</i>	Panic grass	SC
<i>Dichanthelium scabriusculum</i>	Panic grass	E
<i>Draba reptans</i>	Whitlow-grass	SC
<i>Eleocharis equisetoides</i>	Horse-tail spike-rush	E
<i>Eleocharis microcarpa</i> var. <i>filiculmis</i>	Spike-rush	SC*
<i>Eleocharis quadrangulata</i> var. <i>crassior</i>	Spike-rush	E
<i>Equisetum palustre</i>	Marsh horsetail	SC*
<i>Eriocaulon parkeri</i>	Parker's pipewort	E
<i>Eupatorium album</i>	White thoroughwort	E
<i>Eurybia radula</i>	Rough aster	E
<i>Eurybia spectabilis</i>	Showy aster	T
<i>Eurybia x herveyi</i>	Hervey's aster	SC
<i>Gamochaeta purpurea</i>	Purple cudweed	SC*
<i>Gaultheria hispidula</i>	Creeping snowberry	SC
<i>Helianthemum propinquum</i>	Low frostweed	T
<i>Honckenya peploides</i>	Seabeach sandwort	SC
<i>Hottonia inflata</i>	Featherfoil	SC
<i>Houstonia longifolia</i>	Longleaf bluet	T
<i>Hudsonia ericoides</i>	Golden-heather	E
<i>Hudsonia tomentosa</i>	False beach-heather	T
<i>Hydrocotyle umbellata</i>	Water pennywort	E
<i>Hydrocotyle verticillata</i>	Whorled pennywort	E
<i>Hypericum adpressum</i>	Creeping St. John's-wort	SC*
<i>Ilex glabra</i>	Inkberry	T

New London County

Plants

Scientific Name	Common Name	Protection Status
<i>Isotria medeoloides</i>	Small whorled pogonia	E
<i>Juncus debilis</i>	Weak rush	SC*
<i>Lachnanthes caroliana</i>	Carolina redroot	E
<i>Leptochloa fusca ssp. fascicularis</i>	Saltpond Grass	E
<i>Lespedeza repens</i>	Creeping bush-clover	SC
<i>Liatris scariosa var. novae-angliae</i>	Blazing-star	SC
<i>Ligusticum scothicum</i>	Scotch lovage	E
<i>Lilaeopsis chinensis</i>	Lilaeopsis	SC
<i>Limosella australis</i>	Mudwort	SC
<i>Linnaea borealis ssp. americana</i>	Twinflower	E
<i>Linum intercursum</i>	Sandplain flax	SC*
<i>Liparis liliifolia</i>	Lily-leaved twayblade	E
<i>Liquidambar styraciflua</i>	Sweet gum	SC
<i>Ludwigia sphaerocarpa</i>	Globe-fruited false-loosestrife	E
<i>Lycopus amplexans</i>	Clasping-leaved water-horehound	SC
<i>Lygodium palmatum</i>	Climbing fern	SC
<i>Malaxis unifolia</i>	Green adder's-mouth	E
<i>Moneses uniflora</i>	One-flower wintergreen	E
<i>Myriophyllum pinnatum</i>	Cutleaf water-milfoil	E
<i>Nuphar microphylla</i>	Small yellow pond lily	SC
<i>Oclemena nemoralis</i>	Bog aster	E
<i>Oclemena x blakei</i>	Blake's aster	E
<i>Ophioglossum pusillum</i>	Adder's-tongue	T
<i>Opuntia humifusa</i>	Eastern prickly pear	SC
<i>Orontium aquaticum</i>	Golden club	SC
<i>Orthilia secunda</i>	One-sided pyrola	SC*
<i>Oxalis violacea</i>	Violet wood-sorrel	SC
<i>Panax quinquefolius</i>	American ginseng	SC

New London County

Plants

Scientific Name	Common Name	Protection Status
<i>Panicum amarum</i>	Panic grass	T
<i>Panicum rigidulum</i> var. <i>elongatum</i>	Tall flat panic-grass	SC*
<i>Paspalum laeve</i>	Field paspalum	E
<i>Paspalum setaceum</i>	Bead grass	SC*
<i>Pedicularis lanceolata</i>	Swamp lousewort	T
<i>Phaseolus polystachios</i> var. <i>polystachios</i>	Wild kidney bean	SC*
<i>Piptatherum pungens</i>	Slender mountain ricegrass	E
<i>Pityopsis falcata</i>	Sickle-leaved golden aster	E
<i>Plantago virginica</i>	Hoary plantain	SC
<i>Platanthera ciliaris</i>	Yellow-fringed orchid	T
<i>Platanthera flava</i> var. <i>herbiola</i>	Pale green orchid	SC
<i>Platanthera hookeri</i>	Hooker's orchid	SC*
<i>Platanthera orbiculata</i>	Large round-leaf orchid	SC*
<i>Podostemum ceratophyllum</i>	Threadfoot	SC
<i>Polygala cruciata</i>	Field milkwort	E
<i>Polygala nuttallii</i>	Nuttall's milkwort	E
<i>Populus heterophylla</i>	Swamp cottonwood	T
<i>Potamogeton confervoides</i>	Pondweed	E
<i>Potamogeton pusillus</i> ssp. <i>gemmiparus</i>	Capillary pondweed	T
<i>Potamogeton vaseyi</i>	Vasey's pondweed	T
<i>Prunus alleghaniensis</i>	Alleghany plum	SC*
<i>Puccinellia tenella</i> ssp. <i>alaskana</i>	Goose grass	SC*
<i>Ranunculus ambigens</i>	Water-plantain spearwort	E
<i>Ranunculus cymbalaria</i>	Seaside crowfoot	E
<i>Ranunculus pensylvanicus</i>	Bristly buttercup	SC*
<i>Rhynchospora macrostachya</i>	Beaked rush	T
<i>Rotala ramosior</i>	Toothcup	T

New London County

Plants

Scientific Name	Common Name	Protection Status
<i>Rubus cuneifolius</i>	Sand bramble	SC
<i>Rumex maritimus</i>	Sea-side dock	SC*
<i>Sabatia stellaris</i>	Marsh pink	E
<i>Sagittaria subulata</i>	Arrowleaf	SC
<i>Salix exigua</i>	Sandbar willow	T
<i>Salix petiolaris</i>	Slender willow	SC
<i>Saururus cernuus</i>	Lizard's tail	E
<i>Scheuchzeria palustris ssp. americana</i>	Pod grass	E
<i>Schoenoplectus torreyi</i>	Torrey bulrush	T
<i>Schwalbea americana</i>	Chaffseed	SC*
<i>Scleria pauciflora var. caroliniana</i>	Few-flowered nutrush	E
<i>Scleria triglomerata</i>	Nutrush	E
<i>Scutellaria integrifolia</i>	Hyssop skullcap	E
<i>Senna hebecarpa</i>	Wild senna	SC
<i>Silene stellata</i>	Starry champion	T
<i>Solidago latissimifolia</i>	Elliott's goldenrod	SC
<i>Solidago rugosa var. sphagnophila</i>	Early wrinkle-leaved goldenrod	SC*
<i>Spergularia canadensis</i>	Canada sand-spurry	T
<i>Sporobolus clandestinus</i>	Rough dropseed	E
<i>Sporobolus neglectus</i>	Small dropseed	E
<i>Stachys hyssopifolia</i>	Hyssop-leaf hedge-nettle	E
<i>Stachys tenuifolia</i>	Smooth hedge-nettle	SC
<i>Symphotrichum prenanthoides</i>	Crooked-stem aster	SC*
<i>Triphora trianthophora</i>	Nodding pogonia	E
<i>Utricularia resupinata</i>	Bladderwort	E
<i>Uvularia grandiflora</i>	Large-flowered bellwort	E
<i>Valerianella radiata</i>	Beaked corn-salad	SC*
<i>Verbena simplex</i>	Narrow-leaved vervain	SC*

New London County

Plants

Scientific Name	Common Name	Protection Status
<i>Viburnum nudum</i>	Poosum haw	SC*
<i>Vitis x novae-angliae</i>	New England grape	SC
<i>Xyris montana</i>	Northern yellow-eyed grass	T
<i>Xyris smalliana</i>	Small's yellow-eyed	E
<i>Zizia aptera</i>	Golden Alexanders	E

Reptiles

Scientific Name	Common Name	Protection Status
<i>Caretta caretta</i>	Loggerhead	T
<i>Chelonia mydas</i>	Atlantic green turtle	T
<i>Crotalus horridus</i>	Timber rattlesnake	E
<i>Dermochelys coriacea</i>	Leatherback	E
<i>Glyptemys insculpta</i>	Wood turtle	SC
<i>Heterodon platirhinos</i>	Eastern hognose snake	SC
<i>Lepidochelys kempii</i>	Atlantic ridley	E
<i>Liochlorophis vernalis</i>	Smooth green snake	SC
<i>Terrapene carolina carolina</i>	Eastern box turtle	SC
<i>Thamnophis sauritus</i>	Eastern ribbon snake	SC

E = Endangered, T = Threatened, SC = Special Concern, * Believed Extirpated

*State of Connecticut
Department of Energy and Environmental Protection
Bureau of Natural Resources, Wildlife Division
79 Elm St., Hartford, CT 06106*



U.S. Fish & Wildlife Service

Environmental Conservation Online System

Conserving the Nature of America

Enter Search Term(s):

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- Species By County Report

Species By County Report

The following report contains Species that are known to or are believed to occur in this county. Species with range unrefined past the state level are now excluded from this report. If you are looking for the Section 7 range (for Section 7 Consultations), please visit the [IPaC](#) application.

County: New London, CT

Group	Name	Population	Status	Lead Office	Recovery Plan Name	Recovery Plan Action Status	Recovery Plan Stage
Birds	Piping Plover (Charadrius melodus)	except Great Lakes watershed	Threatened	Office Of The Regional Director	Piping Plover Atlantic Coast Population Revised Recovery Plan	View Implementation Progress	Final Revision 1
					Great Lakes & Northern Great Plains Piping Plover	View Implementation Progress	Final
	Roseate tern (Sterna dougallii dougallii)	northeast U.S. nesting pop.	Endangered	New England Ecological Services Field Office	Roseate Tern (NE U.S./Canada)	View Implementation Progress	Final Revision 1
Flowering Plants	Small whorled pogonia (Isotria medeoloides)		Threatened	New England Ecological Services Field Office	Small Whorled Pogonia	View Implementation Progress	Final Revision 1
	Sandplain gerardia (Agalinis acuta)		Endangered	Long Island Ecological Services Field Office	Sandplain Gerardia	View Implementation Progress	Final
Reptiles	Hawksbill sea turtle (Eretmochelys imbricata)	Entire	Endangered	North Florida Ecological Services Field Office	Recovery Plan for U.S. Pacific Populations of the Hawksbill Turtle	View Implementation Progress	Final Revision 1
					Recovery Plan for the Hawksbill Turtle in the U.S. Caribbean, Atlantic and Gulf of Mexico	View Implementation Progress	Final Revision 1
	Leatherback sea turtle (Dermochelys coriacea)	Entire	Endangered	North Florida Ecological Services Field Office	Recovery Plan for U.S. Pacific Populations of the Leatherback Turtle	View Implementation Progress	Final Revision 1
					Recovery Plan for Leatherback Turtles in the U.S. Caribbean, Atlantic, and Gulf of Mexico	View Implementation Progress	Final Revision 1
	Green sea turtle (Chelonia mydas)	except where endangered	Threatened	North Florida Ecological Services Field Office	Recovery Plan for U.S. Pacific Populations of the Green Turtle	View Implementation Progress	Final Revision 1
						View Implementation Progress	Final Revision 1

Group	Name	Population	Status	Lead Office	Recovery Plan Name	Recovery Plan Action Status	Recovery Plan Stage
					Recovery Plan for U.S. Population of Atlantic Green Turtle		



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Natural Diversity Data Base Areas

GROTON, CT

December 2013

-  State and Federal Listed Species & Significant Natural Communities
-  Town Boundary

NOTE: This map shows general locations of State and Federal Listed Species and Significant Natural Communities. Information on listed species is collected and compiled by the Natural Diversity Data Base (NDDB) from a number of data sources. Exact locations of species have been buffered to produce the general locations. Exact locations of species and communities occur somewhere in the shaded areas, not necessarily in the center. A new mapping format is being employed that more accurately models important riparian and aquatic areas and eliminates the need for the upstream/downstream searches required in previous versions.

This map is intended for use as a preliminary screening tool for conducting a Natural Diversity Data Base Review Request. To use the map, locate the project boundaries and any additional affected areas. If the project is within a shaded area there may be a potential conflict with a listed species. For more information, complete a Request for Natural Diversity Data Base State Listed Species Review form (DEP-APP-007), and submit it to the NDDB along with the required maps and information. More detailed instructions are provided with the request form on our website.

www.ct.gov/deep/nddbrequest

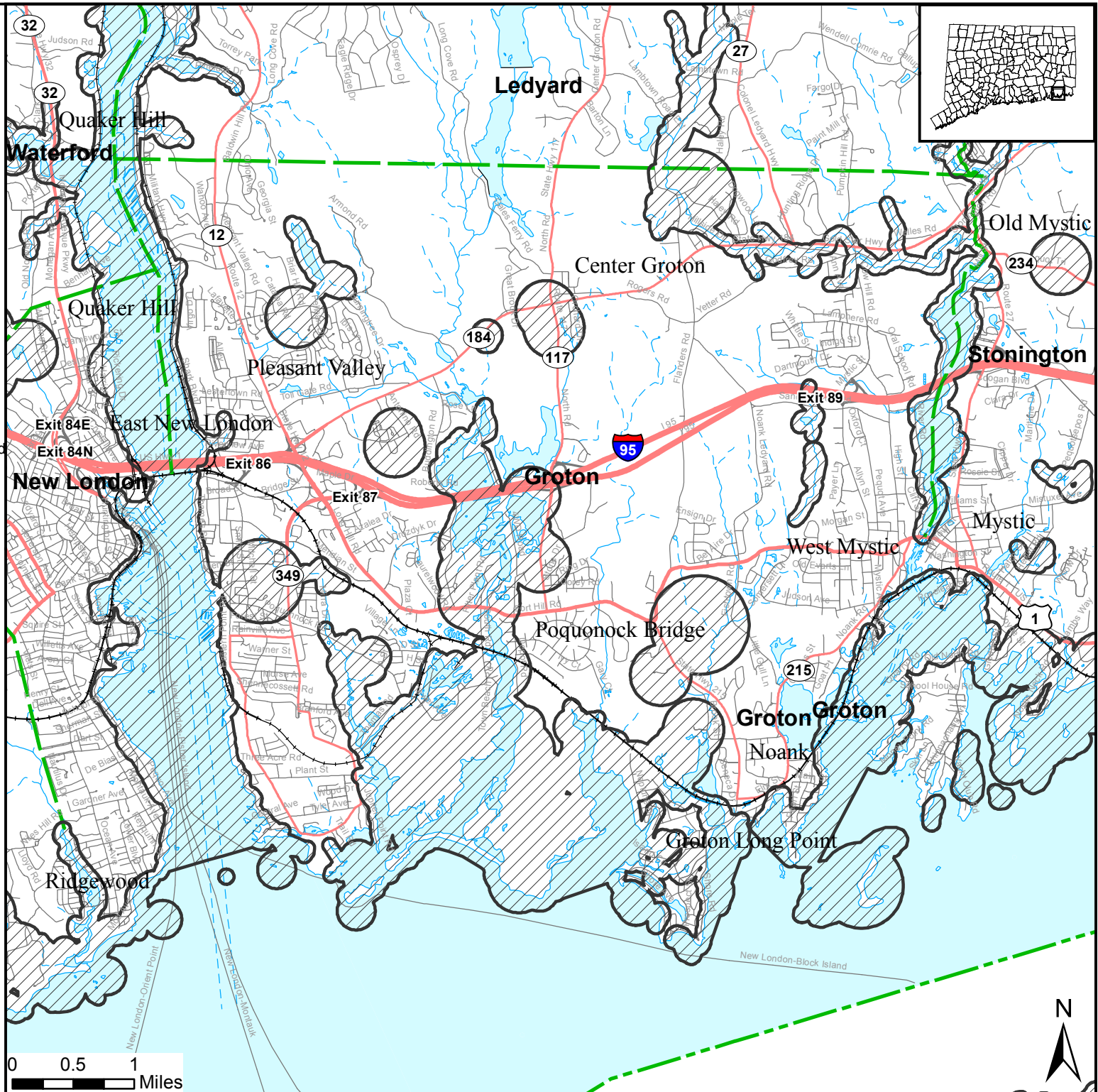
This file has PDF Layers. Look for the Layers tab on the left. Expand the layers and use the "eye" icons to change visibility.

QUESTIONS: Department of Energy and Environmental Protection (DEEP)
79 Elm St., Hartford CT 06106
Phone (860) 424-3011



Connecticut Department of Energy & Environmental Protection
Bureau of Natural Resources
Wildlife Division

0 0.5 1 Miles



ECP CHECKLIST

ENVIRONMENTAL CONDITION OF PROPERTY (ECP) CHECKLIST

Page 1 of 4

Installation: Naval Submarine Base New London

Parcel/Site Location and Description: Shepherd of the Sea Chapel, B1001

Proposed Real Estate Action Description: The project will shut-down the existing building with the intent of selling the property at some time in the future. The building is not in use due to a lack of requirement. Therefore, shutdown and securement of the facility is warranted.

SITE SUMMARY INFORMATION

1. Information regarding site uses and any hazardous materials, contamination, or conditions. All available and pertinent files, records, reports and aerial photographs were reviewed and, where necessary, a site inspection and/or personal interviews were conducted to document the environmental conditions of the property to support the proposed real estate action. A summary of the conditions, sources of information (including location), and any required use restrictions is provided for each environmental condition.

A. Parcel/Site Uses:

Prior Uses: Chapel

Current Uses: Vacant

Future Uses: Unknown

B. Contaminants: Yes No Unknown

If yes, identify contaminant and media:

Source of information: Visual inspection March 21, 2012.

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

C. Hazardous Materials Use: Yes No Unknown

Hazardous Materials Storage: Yes No Unknown

Type of HM:

Type of Use and/or Storage: Hazardous materials stored on site as per attached.

Source of information: Visual inspection March 21, 2012.

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

D. Treatment, Storage, Disposal of Hazardous Waste: Yes No Unknown

Source of information: Visual inspection March 21, 2012.

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

E. Underground Storage Tanks: Yes No Unknown

UST No. Gals.

Source of information: Visual inspection March 21, 2012 and historical knowledge.

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

ENVIRONMENTAL CONDITION OF PROPERTY (ECP) CHECKLIST

Page 2 of 4

F. Above-Ground Storage Tanks: Yes No

AST No. B-1001A Gals. 2,000 → 5,000-gallon AST → 2013 ECP

Source of information: Visual inspection March 21, 2012 and records.

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

G. Presence of Polychlorinated Biphenyl's (PCB's): Yes No Unknown

Source of information: Visual inspection March 21, 2012.

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

H. Asbestos: Yes No Unknown

If yes: Friable Non-friable Unknown

friable asbestos observed during 2013 ECP

Source of information: Visual inspection March 21, 2012 did not reveal asbestos; however, records from sampling in the 1990's indicate the following with asbestos: 2-4" cal/mag pipe insulation, T-joints in pipes, olive floor tile and mastic, residual mastic, roof flashing, flexible duct connector (assumed), pipe gaskets (assumed), and fire doors (assumed).

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

I. Lead Paint: Yes No Unknown

Source of information: Visual inspection March 21, 2012. A review of the lead paint database in the Environmental Division did not identify the Chapel as having lead paint; however it could be present.

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

J. Radon: Yes No Unknown

Source of information: Visual inspection March 21, 2012. A radon check in baseline surveys conducted in the 1990's did not show elevated levels of radon.

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

K. Radiological Materials: Yes No Unknown

Source of information: Visual inspection March 21, 2012.

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

L. Solid/Bio-Hazardous Waste: Yes No Unknown

Source of information: Visual inspection March 21, 2012 revealed no bio-hazardous material. Solid waste in the form of furniture, clothing, etc. observed. See attached for listing of potential solid waste items

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

M. Munitions and Explosives of Concern: Yes No Unknown

Source of information: Visual inspection March 21, 2012.

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

ENVIRONMENTAL CONDITION OF PROPERTY (ECP) CHECKLIST

Page 3 of 4

N. Threatened or Endangered Species: Yes No Unknown

Source of information: Visual inspection March 21, 2012 and review of INRMP.

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

O. Natural or Cultural Resources: Yes No Unknown

Source of information: Visual inspection March 21, 2012. The ICRMP is being updated to cover cold war era buildings that may be eligible for listing including the Chapel. The contractor has made a review of the Chapel a priority to make a determination as to whether or not the Chapel is eligible for listing. Natural resources in the area are small mammals, song birds, etc.

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

P. Use of Adjacent Property:

Current Use: Office building 1004, and housing.

Past Use: Same

Source of information: Visual inspection March 21, 2012 and historical knowledge.

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

Q. Has the site had any Notices of Violation? Yes No.

If yes, please explain:

Source of information: Historical knowledge.

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

R. Additional information or comments regarding questions shown above (*attach sheet(s) if additional room is needed*):

See attached

Source of information: Visual inspection March 21, 2012

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

2. List of Land Use Controls required for Real Estate Action:

The building cannot be transferred until the Navy determines whether or not the Chapel is eligible for listing as an historic property and consultation with the SHPO is complete. If the building is to be sold, recommend lead paint testing and analysis and an updated asbestos survey be done to know how to properly handle and/or dispose of these materials.

ENVIRONMENTAL CONDITION OF PROPERTY (ECP) CHECKLIST

3. Signature:


Based on the records reviews, site inspections, and interviews conducted for the proposed real estate action, the environmental conditions of the property are as stated in this document and this property is suitable for outgrant or transfer with the inclusion of the Land Use Controls identified above.

ECP Checklist Preparer:

Tracey McKenzie
Print Name

April 17, 2012
Date

PWD Environmental:


Signature

ENVIRONMENTAL DIRECTOR
Title

Micheal Brown
Print Name

4/17/12
Date

Environmental Professional (EVL(EV3)):

Signature

Title

Print Name

Date

Real Estate Professional:

Signature

Title

Print Name

Date

Property Owner (Activity or Region):

Signature

Title

Print Name

Date

ECP Attachment

On the day of the site inspection, people were still moving things out of the chapel; however, the following items were also observed during the site inspection:

- Electronics (TV's, VCR's)
- Fire extinguishers
- Fluorescent bulbs
- Dehumidifier
- Enamel and latex paint
- Spray paint
- Adhesives
- Furniture polish
- Charcoal lighter
- Microwave
- Vacuum
- Organ
- Dolly
- Playground
- Floor finish stripper
- Griddle top stove and grease trap filled with grease
- Fire suppression for exhaust fan
- Working refrigerator - possibility of Freon
- Thermostats - possibility of mercury
- Joint compound
- Furnace
- Boiler room (it was locked)
- Sewer pumps
- Print cartridges
- Clothing
- General debris
- Shed with leaf blower, cones, and other equipment
- Gas grill and deck furniture
- Evidence of mice

ENVIRONMENTAL CONDITION OF PROPERTY (ECP) CHECKLIST

Page 1 of 4

Installation: Naval Submarine Base New London**Parcel/Site Location and Description:**

Special Area 1A (Nautilus Park 3rd Increment) land & Bldg 1004. This building was formerly used by managing partner Balfour Beatty Communities (BBC) as administrative offices under the Navy Housing PPV Initiative. The building is located off Gungywamp Rd. in Groton, CT, directly across from The Shepherd of the Sea Chapel, B1001.

Proposed Real Estate Action Description:

Partial termination of the 1.205 Acre Ground Lease and Return of Bldg 1004 to SUBASENLON.

SITE SUMMARY INFORMATION

1. Information regarding site uses and any hazardous materials, contamination, or conditions. All available and pertinent files, records, reports and aerial photographs were reviewed and, where necessary, a site inspection and/or personal interviews were conducted to document the environmental conditions of the property to support the proposed real estate action. A summary of the conditions, sources of information (including location), and any required use restrictions are provided for each environmental condition.

A. Parcel/Site Uses:

Prior Uses: Navy Family Housing Community Center, Child Care, & Balfour Beatty Communities Offices

Current Uses: Balfour Beatty Communities Offices (Mostly vacant)

Future Uses: Navy Family Housing Offices

B. Contaminants: Yes No Unknown

If yes, identify contaminant and media:

Source of information: Visual inspection of site on 26 Aug 11.

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

C. Hazardous Materials Use: Yes No UnknownHazardous Materials Storage: Yes No Unknown

Type of HM: Standard materials for building occupancy, such as fuel oil, fire extinguishers, light bulbs and ballasts, household-type detergents, refrigerants, etc.

Type of Use and/or Storage: On-site heating, fire suppression, office lighting, office cleaning, window AC units, refrigerators, etc.

Source of information: Visual inspection of site on 26 Aug 11.

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

D. Treatment, Storage, Disposal of Hazardous Waste: Yes No Unknown

Source of information: Visual inspection of site on 26 Aug 11 and talks with Navy Housing and BBC personnel.

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

E. Underground Storage Tanks: Yes No Unknown

UST No. _____ Gals. _____

Source of information: Visual inspection of site on 26 Aug 11 and historical knowledge of site.

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

F. Above-Ground Storage Tanks: Yes No

AST No. _____ Gals. _____

Source of information: Visual inspection of site on 26 Aug 11 and historical knowledge of site.

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

→ AST observed during ECP (2013)

2,000 gallon fuel oil off SE corner of building

AST # B-1004

Enclosure (12-1)

ENVIRONMENTAL CONDITION OF PROPERTY (ECP) CHECKLIST

Page 2 of 4

G. Presence of Polychlorinated Biphenyl's (PCB's): Yes No Unknown

Source of information: Visual inspection of site on 26 Aug 11; existing fluorescent lights may contain PCB ballasts.

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

H. Asbestos: Yes No UnknownIf yes: Friable Non-friable Unknown

Source of information: Asbestos survey conducted in 1995 by L. Robert Kimball Assoc. and Mystic Air Quality Assoc. in 2002. An individual sample was also taken in 2001 internally through the Navy Industrial Hygiene Office. However, these surveys were non-destructive in nature (building was occupied at the time surveys were conducted).

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

I. Lead Paint: Yes No Unknown

Source of information: Individual paint samples taken and analyzed via Navy Industrial Hygiene in 2003 and 2004. However, no comprehensive survey is known to have been conducted.

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

J. Radon: Yes No Unknown

Source of information: Examination of results of radon testing done in the 1990s. No recent radon testing is known to have been conducted.

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

K. Radiological Materials: Yes No Unknown

Source of information: Visual inspection of site on 26 Aug 11 show no sources of radiological material.

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

L. Solid/Bio-Hazardous Waste: Yes No Unknown

Source of information: Visual inspection of site on 26 Aug 11 show no sources of bio-hazardous waste. Standard generation of general trash when used as an office space. Solid waste (in the form of office furniture) exists on site.

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

M. Munitions and Explosives of Concern: Yes No Unknown

Source of information: N/A, not consistent with the use of this space.

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

N. Threatened or Endangered Species: Yes No Unknown

Source of information: N/A, not consistent with the use of this space.

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

O. Natural or Cultural Resources: Yes No Unknown

Source of information: Review of SUBASENLON Cultural Resource Survey indicates that B1004 has no historic significance.

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

ENVIRONMENTAL CONDITION OF PROPERTY (ECP) CHECKLIST

P. Use of Adjacent Property:

Current Use: Wooded uplands and palustrine wetlands to north and east. Paved asphalt parking to west and south of building. All adjacent land is Navy owned. Note that the boundary survey confirms that no regulated wetlands exist within the bounds of the proposed transfer.

Past Use: Same

Source of information: ECP completed in 2007 for initial transfer from Navy to PPV managing partner.

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

Q. Has the site had any Notices of Violation? Yes No.

If yes, please explain:

Source of information: Review of records show no evidence that a regulatory NOV existed at this site. No personal knowledge exists of an NOV being issued because of an activity at this site.

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

R. Additional information or comments regarding questions shown above (attach sheet(s) if additional room is needed):

Some loose trash and scrap metal exists on the grounds behind the building. There was also electronic equipment stored inside. If this equipment will not be re-used, it should be disposed of properly. Thermostats may contain mercury; if plans call for their removal, they should be checked and disposed of properly, as needed. Old playground still exists on site

Source of information: Visual inspection of site on 26 Aug 11.

Restrictions or Land Use Controls: Yes No

If yes, please identify and explain in detail in Section 2 below.

2. List of Land Use Controls required for Real Estate Action:

PCB and non-PCB lighting ballast, when removed for disposal, must be disposed of properly as Connecticut regulated waste. Condition of painted materials with lead should be checked for signs of deterioration to protect future occupants and visitors of building. Management of lead paint must comply with EPA and CTDPH regulations if future use involves occupancy or activities with young children (existing playground on site is noted). Disposal of lead paint should be done in full compliance with the CTDEEP regulations.

ENVIRONMENTAL CONDITION OF PROPERTY (ECP) CHECKLIST

3. Signature:

Based on the records reviews, site inspections, and interviews conducted for the proposed real estate action, the environmental conditions of the property are as stated in this document and this property is suitable for outgrant or transfer with the inclusion of the Land Use Controls identified above.

Environmental Professional:

Richard A. Massad
Signature
RICHARD A. MASSAD
Print Name

ENVIRONMENTAL ENGINEER
Title
9/21/11
Date

Real Estate Professional:

Signature

Print Name

Title

Date

Property Owner (Activity or Region):

Gordon E. Massad III
Signature
GORDON E. MASSAD III
Print Name

Public Works Officer
Title
9/23/11
Date

