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NSB NEW LONDON
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LETTER REGARDING SITE 23 LAND USE CONTROL BOUNDARY NSB NEW LONDON CT
04/14/2010
TETRA TECH NUS



TETRA TECH

PITT-04-10-034

April 14, 2010

Project Number 112G02623

NAVFAC MID-ATLANTIC, Northeast IPT
Attn: Mr. Jim Gravette (Code OPTE3-1)
Bldg Z-144
9742 Maryland Avenue
Norfolk, Virginia 23511-3095

Reference: CLEAN Contract No. N62470-08-D-1001
Contract Task Order WE54

Subject: Site 23 Land Use Control Boundary
Naval Submarine Base-New London, Groton, Connecticut

Dear Mr. Gravette:

Please find enclosed information that defines the Land Use Control Boundary for Site 23 at Naval Submarine Base – New London (NSB-NLON), Groton, Connecticut. Enclosed information includes one original copy (drawing and boundary description), one photo copy (drawing and boundary description), and one electronic copy (CD containing electronic files for drawing) of the subject information for your records. The information was also distributed to the other members of the NSB-NLON team per the distribution list provided below for their records.

It is my understanding that Mr. Richard Conant will subsequently submit the information to the land departments at the Towns of Ledyard and Groton. The information will also be incorporated as appropriate into the final Remedial Action Completion Report for Operable Unit 9.

If you have any questions regarding the enclosed information, please contact me at (412) 921-8984.

Sincerely,

Corey A. Rich, P.E.
New London Base Coordinator/Project Manager

CAR/clm

Enclosure(s)

c: Ms. Kimberlee Keckler, EPA Region 1 (1 original)
Mr. Mark Lewis, CTDEP (1 original)
Mr. Richard Conant, NSB-NLON (2 originals, 2 copies, and 1 CD)
Mr. Glenn Wagner, Tetra Tech-PITT (1 copy)
CTO WE54 – File Copy (1 copy and 1 CD)

PROPOSED SITE #23 LUC BOUNDARY

A certain tract or parcel of land with the buildings and improvements thereon located on the Northerly side of Crystal Lake Road in the Town of Groton, County of New London, State of Connecticut, being bounded and described as follows:

BEGINNING at a point in the Northerly line of Crystal Lake Road, said point being located at the Southwesterly corner of the herein described tract and also located North $76^{\circ} 16' 22''$ East 225.68 feet from a concrete monument with aluminum disc set at the intersection of said Northerly line of Crystal Lake Road with the Westerly line of the Military Highway and thence running Northwestwardly, following the arc of a curve to the right having a radius of 23.97 feet and a central angle of $81^{\circ} 03' 59''$ for a distance of 33.92 feet to a point; thence North $22^{\circ} 39' 39''$ West 67.56 feet to a point; thence North $66^{\circ} 01' 35''$ East 18.61 feet to a point; thence North $23^{\circ} 25' 56''$ West 101.50 feet to a point; thence South $70^{\circ} 01' 41''$ West 26.50 feet to a point; thence North $22^{\circ} 19' 33''$ West 36.00 feet to a point; thence South $67^{\circ} 40' 27''$ West 36.30 feet to a point; thence North $39^{\circ} 44' 51''$ East 20.77 feet to a point; thence Northwardly, following the arc of a curve to the left having a radius of 93.29 feet and a central angle of $65^{\circ} 37' 31''$ for a distance of 106.85 feet to a point; thence North $25^{\circ} 52' 40''$ West 44.21 feet to a point; thence North $43^{\circ} 44' 33''$ West 333.15 feet, partly along the face of the curb on the Northeasterly side of Flier Avenue to a drill hole; thence Northeastwardly, following the arc of a curve to the right having a radius of 38.98 feet and a central angle of $100^{\circ} 25' 54''$ for a distance of 68.32 feet to a point on the southeasterly side of Tautog Avenue; thence North $56^{\circ} 41' 21''$ East 165.48 feet to a point; thence Northeastwardly, following the arc of a curve to the right having a radius of 81.29 feet and a central angle of $46^{\circ} 35' 19''$ for a distance of 66.10 feet to a point; thence South $76^{\circ} 43' 20''$ East 478.32 feet to a point; thence South $76^{\circ} 49' 52''$ East 371.28 feet to a point; thence South $75^{\circ} 49' 20''$ East 89.04 feet to a point; thence Southeastwardly, following the arc of a curve to the right having a radius of 136.76 feet and a central angle of $20^{\circ} 43' 10''$ for a distance of 49.45 feet to a point; thence South $55^{\circ} 06' 10''$ East 296.06 feet to a point; thence Southeastwardly, following the arc of a curve to the right having a radius of 275.13 feet and a central angle of $6^{\circ} 48' 30''$ for a distance of 32.69 feet to a point; thence South $48^{\circ} 17' 41''$ East 80.13 feet to a point; thence Southeastwardly, following the arc of a curve to the left having a radius of 73.61 feet and a central angle of $18^{\circ} 01' 50''$ for a distance of 23.16 feet to a point; thence South $66^{\circ} 19' 31''$ East 24.82 feet to a point; thence Southeastwardly, following the arc of a curve to the right having a radius of 54.16 feet and a central angle of $27^{\circ} 05' 09''$ for a distance of 25.60 feet to a point; thence South $39^{\circ} 14' 22''$ East 27.00 feet to a point on the Southwesterly side of another road, the last thirteen lines running partly along the edge of pavement and partly along the face of the existing curb located on the Southeasterly and Southwesterly sides of said Tautog Avenue; thence Southeastwardly, following the arc of a curve to the right having a radius of 107.81 feet and a central angle of $24^{\circ} 20' 21''$ for a distance of 45.80 feet to a point; thence South $14^{\circ} 54' 01''$ East 470.43 feet to a point in said Northerly line of Crystal Lake Road, the last two lines running partly along the face of a curb on said Southwesterly side of said road; thence Northwestwardly, following the arc of a curve to

the right having a radius of 739.50 feet and a central angle of $1^{\circ} 59' 41''$ for a distance of 25.74 feet to a drill hole in the sidewalk; thence North $26^{\circ} 29' 51''$ West 3.85 feet to a point; thence South $68^{\circ} 31' 09''$ West 17.32 feet to a point; thence Northwestwardly, following the arc of a curve to the right having a radius of 769.00 feet and a central angle of $10^{\circ} 22' 36''$ for a distance of 139.27 feet to a point; thence North $66^{\circ} 36' 21''$ West 573.74 feet to a point; thence Westwardly, following the arc of a curve to the left having a radius of 819.00 feet and a central angle of $37^{\circ} 07' 17''$ for a distance of 530.62 feet to a point; thence South $76^{\circ} 16' 22''$ West 93.82 feet to a "PK" nail; thence continuing South $76^{\circ} 16' 22''$ West 30.72 feet to the point or place of beginning, the last eight lines running along the Northerly line of Crystal Lake Road.

Containing 19.9 Acres, more or less.

Subject to an easement in favor of the Town of Groton, said easement running along the Northerly line of Crystal Lake Avenue adjacent to the last eight lines of the above description and as shown on the hereinafter referred to map.

Being shown on "Perimeter Survey prepared for Tetra Tech Nus, Inc. on property of United States of America Naval Submarine Base New London Crystal Lake Road, Tautog Avenue and Flier Avenue Groton, Connecticut CME Associates, Inc. 32 Crabtree Lane, Woodstock, CT 06281 55 Main Street, Suite 340 Norwich, CT 06360 333 East River Drive, East Hartford, CT 06108 50 Elm Street, Southbridge MA 01550 Phone 888-291-3227 www.cmeengineering.com Date: April 6, 2010 Scale 1" = 60' Project 2010039 Sheet 1 of 1".

