

Erland

Building Solutions Through Commitment and Teamwork

January 28, 2010

Massachusetts Department of Environmental Protection
Division of Watershed Management
627 Main Street, 2nd floor
Worcester, MA 01608

Olga Vergara
EPA New England
1 Congress Street, Suite 1100
Boston, MA 02114-2023
Olga Vergara

RE: Notice of Intent (NOI) for Dewatering General Permit
Construction Area
Netview Drive at Northwest Park
Burlington, MA
DEP Transmittal # X231756

Dear Sir and Madame:

Please find enclosed a Notice of Intent (NOI) for a Dewatering General Permit, for a construction area located at the commercial office development known as Network Drive at Northwest Park, in Burlington, Massachusetts (Construction Area). This NOI was prepared by Erland Construction, Inc. (Erland) on behalf of the property owner, Netview 5 and 6 LLC. A USGS Map showing the location of the Construction Area is attached to the NOI.

The proposed construction activities include (i) construction of a pedestrian bridge between two existing Buildings (ii) construction of a concrete pad which will support new chiller units for one building, and (iii) utility installation. The Construction Area occupies less than 10,000 square feet of land.

If groundwater is encountered during construction, and dewatering is required, an attempt will be made to discharge dewatering effluent into an adjacent, and upgradient excavation within the Construction Area. If field conditions do not permit the discharge of dewatering effluent into an adjacent excavation, discharge of the dewatering effluent to the storm sewer may be required.

Activities that could require dewatering are planned for the months of February and March, 2010.

Attachments to this NOI include a memorandum prepared by the Isosceles Group (Isosceles) on behalf of the Property Owner. This memorandum presents general site information, a summary of nearby historical remediation activities, the result of representative groundwater testing, and a sketch plan showing key site features related relevant to the permit application.

If you have any questions regarding this NOI, please contact me directly at 781.272.9440 ext.127, or at tblesso@erland.com.

Sincerely,
Erland Construction, Inc.

A handwritten signature in blue ink, appearing to read "Thomas N. Blesso". The signature is fluid and cursive, with a long horizontal flourish extending to the left.

Thomas N. Blesso
Vice President

- c. Todd Fremont-Smith, Netview 5 and 6 LLC
M. Margret Hanley LSP, The Isosceles Group



Enter your transmittal number

X231756
Transmittal Number

Your unique Transmittal Number can be accessed online: <http://mass.gov/dep/service/online/trasmfrm.shtml> or call MassDEP's InfoLine at 617-338-2255 or 800-462-0444 (from 508, 781, and 978 area codes).

Massachusetts Department of Environmental Protection Transmittal Form for Permit Application and Payment

1. Please type or print. A separate Transmittal Form must be completed for each permit application.

2. Make your check payable to the Commonwealth of Massachusetts and mail it with a copy of this form to: DEP, P.O. Box 4062, Boston, MA 02211.

3. Three copies of this form will be needed.

Copy 1 - the original must accompany your permit application. **Copy 2** must accompany your fee payment. **Copy 3** should be retained for your records

4. Both fee-paying and exempt applicants must mail a copy of this transmittal form to:

MassDEP
P.O. Box 4062
Boston, MA
02211

* **Note:**
For BWSC Permits, enter the LSP.

A. Permit Information

BRP WM 10

Construction Site Dewatering General Permit

1. Permit Code: 7 or 8 character code from permit instructions

2. Name of Permit Category

Construction of foundations for pedestrian bridge and chilled water plant pad

3. Type of Project or Activity

B. Applicant Information – Firm or Individual

Netview 5 and 6 LLC c/o Nordblom Co.

1. Name of Firm - Or, if party needing this approval is an individual enter name below:

2. Last Name of Individual

3. First Name of Individual

4. MI

15 Third Avenue

5. Street Address

Burlington, MA

MA

01803

(781) 272-4000

6. City/Town

7. State

8. Zip Code

9. Telephone #

10. Ext. #

Todd Fremont-Smith

tfremont-smith@nordblomcompany.com

11. Contact Person

12. e-mail address (optional)

C. Facility, Site or Individual Requiring Approval

Construction Area - Northwest Park at Network Drive

1. Name of Facility, Site Or Individual

65-75 Network Drive

2. Street Address

Burlington

MA

01803

3. City/Town

4. State

5. Zip Code

6. Telephone #

7. Ext. #

8. DEP Facility Number (if Known)

9. Federal I.D. Number (if Known)

10. BWSC Tracking # (if Known)

D. Application Prepared by (if different from Section B)*

Erland Construction, Inc.

1. Name of Firm Or Individual

83 Second Avenue

2. Address

Burlington

MA

01803

(781) 272-9440

3. City/Town

4. State

5. Zip Code

6. Telephone #

7. Ext. #

Thomas N. Blesso

8. Contact Person

9. LSP Number (BWSC Permits only)

E. Permit - Project Coordination

1. Is this project subject to MEPA review? yes no
If yes, enter the project's EOE file number - assigned when an Environmental Notification Form is submitted to the MEPA unit:

EOEA File Number

F. Amount Due

DEP Use Only

Special Provisions:

1. Fee Exempt (city, town or municipal housing authority)(state agency if fee is \$100 or less).
There are no fee exemptions for BWSC permits, regardless of applicant status.
2. Hardship Request - payment extensions according to 310 CMR 4.04(3)(c).
3. Alternative Schedule Project (according to 310 CMR 4.05 and 4.10).
4. Homeowner (according to 310 CMR 4.02).

Permit No:

Rec'd Date:

Reviewer:

14949

\$385

1/27/10

Check Number

Dollar Amount

Date

II. Suggested Notice of Intent (NOI) Form

1. General facility information. Please provide the following information about the facility.

a) Name of facility: Construction Area - Northwest Park at Network Drive		Mailing Address for the Facility: c/o Nordblom Co., 15 Third Avenue, Burlington, MA 01803 attn: Todd Fremont-Smith	
b) Location Address of the Facility (if different from mailing address): 65-75 Network Drive, Burlington, MA 01803		Facility Location longitude: 42d 29m 53s latitude: 71d 14m 10s	Type of Business: Commercial Office Park Facility SIC codes: 9999, 3571, 7372, 599969
c) Name of facility owner: <u>Netview 5 and 6 LLC c/o Nordblom Co.</u> Owner's email: <u>tfremont-smith@nordblomcompany.com</u> Owner's Tel #: <u>(781) 272-4000</u> Owner's Fax #: <u>(781) 270-0359</u> Address of owner (if different from facility address) <u>15 Third Avenue, Burlington, MA 01803</u> Owner is (check one): 1. Federal ___ 2. State ___ 3. Tribal ___ 4. Private <input checked="" type="checkbox"/> 4. Other ___ (Describe)			
Legal name of Operator, if not owner: _____ Operator Contact Name: _____ Operator Tel Number: _____ Fax Number: _____ Operator's email: _____ Operator Address (if different from owner)			
d) Attach a topographic map indicating the location of the facility and the outfall(s) to the receiving water. Map attached? <input checked="" type="checkbox"/>			
e) Check Yes or No for the following: 1. Has a prior NPDES permit been granted for the discharge? Yes ___ No <input checked="" type="checkbox"/> If Yes, Permit Number: _____ 2. Is the discharge a "new discharge" as defined by 40 CFR Section 122.22? Yes <input checked="" type="checkbox"/> No ___ 3. Is the facility covered by an individual NPDES permit? Yes ___ No <input checked="" type="checkbox"/> If Yes, Permit Number: _____ 4. Is there a pending application on file with EPA for this discharge? Yes ___ No <input checked="" type="checkbox"/> If Yes, date of submittal: _____			

2. Discharge information. Please provide information about the discharge, (attaching additional sheets as needed)

- a) Name of receiving water into which discharge will occur: Vine Brook
State Water Quality Classification: _____ Freshwater: Marine Water: _____
- b) Describe the discharge activities for which the owner/applicant is seeking coverage:
1. Construction dewatering of groundwater intrusion and/or storm water accumulation.
2. Short-term or long-term dewatering of foundation sumps.
3. Other.
- c) Number of outfalls 1
- For each outfall:
- d) Estimate the maximum daily and average monthly flow of the discharge (in gallons per day – GPD). Max Daily Flow 5000 GPD
Average Monthly Flow N/A GPD
- e) What is the maximum and minimum monthly pH of the discharge (in s.u.)? Max pH _____ Min pH _____
- f) Identify the source of the discharge (i.e. potable water, surface water, or groundwater). If groundwater, the facility shall submit effluent test results, as required in Section 4.4.5 of the General Permit.
- g) What treatment does the wastewater receive prior to discharge? Sediment control
- h) Is the discharge continuous? Yes _____ No If no, is the discharge periodic (P) (occurs regularly, i.e., monthly or seasonally, but is not continuous all year) or intermittent (I) (occurs sometimes but not regularly) or both (B) (I) _____
If (P), number of days or months per year of the discharge _____ and the specific months of discharge _____;
If (I), number of days/year there is a discharge 10 _____
Is the discharge temporary? Yes No _____
If yes, approximate start date of dewatering 02/11/10 approximate end date of dewatering 02/26/10
- i) Latitude and longitude of each discharge within 100 feet (See http://www.epa.gov/tri/report/siting_tool): Outfall 1: long. 42-29-43 lat. 71-14-10 ;
Outfall 2: long. _____ lat. _____ ; Outfall 3: long. _____ lat. _____ .
- j) If the source of the discharge is potable water, please provide the reported or calculated seven day-ten year low flow (7Q10) of the receiving water and attach any calculation sheets used to support stream flow and dilution calculations N/A cfs
(See Appendix VII for equations and additional information)

MASSACHUSETTS FACILITIES: See Section 3.4 and Appendix 1 of the General Permit for more information on Areas of Critical Environmental Concern (ACEC):

- k) Does the discharge occur in an ACEC? Yes _____ No
- If yes, provide the name of the ACEC:

3. Contaminant Information

- a) Are any pH neutralization and/or dechlorination chemicals used in the discharge? If so, include the chemical name and manufacturer; maximum and average daily quantity used as well as the maximum and average daily expected concentrations (mg/l) in the discharge, and the vendor's reported aquatic toxicity (NOAEL and/or LC₅₀ in percent for aquatic organism(s)).
- b) Please report any known remediation activities or water-quality issues in the vicinity of the discharge.

4. Determination of Endangered Species Act Eligibility: Provide documentation of ESA eligibility as required at Part 3.4 and Appendices III and IV. In addition, respond to the following questions.

- a) Are any listed threatened or endangered species, or designated critical habitat, in proximity to the discharge? Yes _____ No
- b) Has any consultation with the federal services been completed? Yes _____ No
- c) Is consultation underway? Yes _____ No
- d) What were the results of the consultation with the U.S. Fish and Wildlife Service and/or NOAA Fisheries Service (check one): a "no jeopardy" opinion _____ or written concurrence _____ on a finding that the discharges are not likely to adversely affect any endangered species or critical habitat.
- e) Which of the five eligibility criteria listed in Appendix 2, Section B (A,B,C,D,or E) have you met? A
- f) Please attach a copy of the most current federal listing of endangered and threatened species, found at USF&W website.

5. Documentation of National Historic Preservation Act requirements: Please respond to the following questions:

- a) Are any historic properties listed or eligible for listing on the National Register of Historic Places located on the facility site or in proximity to the discharge? Yes _____ No
- b) Have any State or Tribal historic preservation officers been consulted in this determination? Yes _____ or No If yes, attach the results of the consultation(s).
- c) Which of the three National Historic Preservation Act requirements listed in Appendix 3, Section C (1,2 or 3) have you met? _____

6. Supplemental Information: Please provide any supplemental information. Attach any analytical data used to support the application. Attach any certification(s) required by the general permit

7. Signature Requirements: The Notice of Intent must be signed by the operator in accordance with the signatory requirements of 40 CFR Section 122.22 (see below) including the following certification:

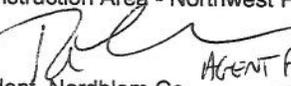
I certify under penalty of law that (1) no biocides or other chemical additives except for those used for pH adjustment and/or dechlorination are used in the dewatering system; (2) the discharge consists solely of dewatering and authorized pH adjustment and/or

dechlorination chemicals; (3) the discharge does not come in contact with any raw materials, intermediate product, water product or finished product; (4) if the discharge of dewatering subsequently mixes with other permitted wastewater (i.e. stormwater) prior to discharging to the receiving water, any monitoring provided under this permit will be only for dewatering discharge; (5) where applicable, the facility has complied with the requirements of this permit specific to the Endangered Species Act and National Historic Preservation Act; and (6) this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted.

Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Facility Name: Construction Area - Northwest Park at Network Drive

Operator signature:

 TODD FREMONT-SMITH
AGENT FOR

Title: Vice President, Nordblom Co. NORDBLOM DEV. CO.

Date: 1/27/10

Federal regulations require this application to be signed as follows:

1. For a corporation, by a principal executive officer of at least the level of vice president;
2. For partnership or sole proprietorship, by a general partner or the proprietor, respectively, or,
3. For a municipality, State, Federal or other public facility, by either a principal executive officer or ranking elected official.



The Isosceles Group

50 Congress Street | Boston, MA 02109
Tel: 617.330.2800 | Fax: 617.330.2801

MEMORANDUM

To: Todd Fremont-Smith, Netview 5 and 6 LLC, Thomas Blesso, Erland Construction Company, Inc.
From: Margret Hanley LSP, The Isosceles Group
Re: Information for Notice of Intent, NPDES Dewatering General Permit , Construction Area at Northwest Park at Network Drive, Burlington, MA
Date: January 27, 2010

This memorandum presents information that supports the Notice of Intent (NOI) for a Dewatering General Permit for certain construction activities at Northwest Park at Network Drive (the Network Drive Property), a commercial office development located in Burlington, Massachusetts. These activities include (i) construction of a pedestrian bridge between the existing Buildings 4 and 6, (ii) construction of a concrete pad which will support new chiller units for Building 6, and (iii) utility installation. The area where this work and associated excavations are planned is referred to herein as the "Construction Area" (Figure 1). We understand that the Construction Area occupies less than 10,000 square feet of land.¹

Field observations during preliminary geotechnical investigations performed in 2009, and historical hydrogeologic data indicate that groundwater is typically more than 5 feet below grade within the Construction Area. Because the depth of each excavation is expected to be less than 5 feet, and also because the work will be performed during the winter months (February–March 2010), when groundwater elevations are typically at a seasonal low, it is unlikely that dewatering will be required to support the construction activities. If groundwater is encountered, and dewatering is required, an attempt will be made to discharge dewatering effluent into an adjacent, and upgradient excavation. If field conditions do not permit the discharge of dewatering effluent into an adjacent excavation (due to low soil permeability, frozen ground, or significant water volumes, etc.), discharge of the dewatering effluent to the storm sewer may be required. A discharge of dewatering effluent to the storm sewer will require permitting under the National Pollution Discharge Elimination System (NPDES) regulations.

In light of the setting and the historical conditions in the Construction Area, as described below, I contacted Olga Vergara and Jessica Hing of USEPA, and verified the following:

1. The presence of Volatile Organic Compounds (VOCs) in groundwater at levels that are below the applicable Massachusetts Contingency (310 CMR 40.0000[MCP]) Standards (GW-1) in the Construction Area do not trigger a requirement to apply for a Remediation General Permit (RGP). Therefore, if groundwater in the Construction Area meets the GW-1 standards, and the project does not meet the threshold requirements for a General Construction Permit, a Dewatering General Permit is appropriate.
2. The presence of groundwater contamination downgradient of the Construction Area does not require that a RGP be obtained for the discharge of dewatering effluent to a storm sewer.

¹ Personal Communication with Thomas Blesso of Erland Construction Company, Inc. on December 28, 2009.

However, the person who is discharging the effluent is responsible for verifying that the dewatering effluent meets the applicable standards under the Dewatering General Permit. The detection of contaminants in the dewatering effluent that exceed the Dewatering General Permit criteria, and which exceed the GW-1 Standards, would require a RGP prior to discharge to surface water.

3. The discharge of dewatering effluent to an upgradient excavation which is located within the Construction Area, and which does not result in a discharge to surface water, does not require permitting under the NPDES regulations.

As required under Section 4.4 of the General Permit, a groundwater sample that is representative of the proposed discharge was collected in the Construction Area on Friday, January 22, 2010. The sample was collected by the Isosceles Group (Isosceles) from a monitoring well installed in a shallow excavation at the south end of Building 6, as shown on the attached Figure 1. The well was screened in saturated soil at a depth of 6-8 feet below the ground surface. The sample was analyzed for Appendix VIII parameters using 40 CFR Part 136 test methods. A copy of the results of the analysis of the water sample is attached to this memorandum (Attachment A).

A summary of the known remediation activities in the vicinity of the Construction Area, as requested in Section 3 of the NOI Form, is presented below.

Based on the available information, groundwater in the Construction Area that could require management in the form of dewatering during the planned construction activities described above is suitable for discharge under the terms of a General Dewatering Permit. Specifically:

- Soil and sediment conditions at the portions of the Network Drive Property occupied by and upgradient of the Construction Area are not known to be effected by industrial discharges, or releases of hazardous materials. This Construction Area is part of a property that was previously determined to support a Class A-2 Response Action Outcome (RAO), which is a Permanent Solution under the MCP. Under this designation, a condition of No Significant Risk has been established for the current and foreseeable uses of the property. The Class A-2 RAO-P for the portions of the property occupied by the Construction Area, as defined above, was filed with MADEP in January 2002.² Groundwater within the Class A-2 RAO Area was found to meet GW-1 Standards. A summary of the historical remedial actions taken near the Construction Area is presented below.
- Since the filing of the Class A-2 RAO-P in 2002, no releases of hazardous material or oil are known to have occurred within or near the Construction Area.
- Soil borings performed in the Construction Area in November 2009 by Haley & Aldrich, Inc. are attached to this NOI (Attachment B). The boring logs do not indicate the presence of debris fill, staining, or odors in soil.
- An area of contamination referred to as the "VOC Plume Area", which is subject to Monitored Natural Attenuation (MNA) as a remedial action, is located downgradient of the Construction Area. Recent Groundwater monitoring at a well located between the

² Partial Response Action Outcome Statement (RAO), Former RCA Facility, 183 Bedford Street, Burlington, MA, RTN 3-0265, Tier 1B Permit Number 102258, prepared by IT Corporation for Lockheed Martin Corporation, dated 22 January 2002.

Construction Area and the VOC Plume Area indicates that groundwater immediately downgradient of the Construction Area does not contain VOCs at concentrations above the applicable GW-1 Standards. A more detailed description of this recent testing is presented below, and a copy of the laboratory testing data is presented as Appendix C.

- A groundwater sample that is representative of the potential dewatering effluent in the Construction Area was collected from a monitoring well installed at the south end of Building 6, and within the construction Area, on January 22, 2010. The sample was analyzed for Appendix III parameters. A copy of the laboratory analysis is attached to this memorandum (Attachment A).

Description of Construction Area (Section 1 of NOI)

For the purpose of this NOI, the Construction Area at the Network Drive Property is defined as the area between and near Building 4 (75 Network Drive) and Building 6 (65 Network Drive) as depicted in the attached Figure 1. The Construction Area is located to the south of Building 5, which is located at 55 Network Drive.

The Facility owner is Netview 5 and 6 LLC.

The Construction Area is located within a Burlington Water Resource District, an Aquifer Protection District, and a mapped Zone II of a Public Water Supply.³ The direction of groundwater flow in the Construction Area is to the north-northeast, toward Building 5.⁴ Depth to groundwater was recently reported to be about 6 feet below grade.⁵

The construction and tenant history of each building within and near the Construction Area is summarized below:

Building	Location Relative to Construction Area	Address	Date of Construction	Tenant History	Tenant SIC Code
4	Within	75 Network Dr	1998	SMI (1998-present)	9999, 3571
5	North, Downgradient	55 Network Dr	2000	SMI (2000-2008) EXA Corp (2008-present) Memento 2009-present	9999,3571, 7372 599969
6	Within	65 Network Dr	2000	Sun (2000-2009) e-Dialog(2009-present)	9999,3571 7319

³ <http://maps.massgis.state.ma.us/WSPA/viewer.htm>

⁴ Drawing No 3. Configuration of Water Table, November 1996, of Phase II Comprehensive Site Assessment, Former RCA Facility, 183 Bedford Street, Burlington, Massachusetts, Release Tracking Number 3-0265, Tier IB Permit Number 102258, prepared by EMCON, for Lockheed Martin Corporation, Inc., dated 24 January 1997 (Phase II Report).

⁵ Field observation by Erland Construction, during excavation of test pit and installation of monitoring well at south end of Building 6, on January 21, 2010.

None of the current occupants of the buildings in or near the construction area are identified by the USEPA as a generator of hazardous waste.

Historical Remediation Activities in Vicinity of Construction Area (Section 3 of NOI)

Between 1958 and 1997, the Network Drive Property was owned, and /or occupied by manufacturing divisions of several electronics firms, including Radio Corporation of America (RCA), General Electric (GE), Martin Marietta Corporation (MMC), and Lockheed Martin Corporation (LMC).

Releases of hazardous material and oil to the environment occurred in connection with historical activities at the Network Drive Property. The principal contaminants of concern included VOCs and heavy metals. Release conditions were assessed by RCA and MMC, and resulted in the designation of the Network Drive Property as a Confirmed Disposal Site by the Massachusetts Department of Environmental Protection (DEP) in 1987. As a Confirmed Disposal Site, assessment and remedial actions at the Property were required and performed under the Massachusetts Contingency Plan (310 CMR 40.0000[MCP]).

A Phase II Comprehensive Site Assessment (CSA) was completed on behalf of MMC's successor, LMC, by EMCON, in 1997. The Phase II CSA report identified the source, extent, and impact of contamination at the Property.⁶

In the Phase II Report, three areas that are near the current Construction Area were evaluated for the potential presence of contamination, based on the history of the Property. These areas are referred to as Sites 1, 2, and the Solvent Tank Area.

Sites 1 and 2

Site 1 is an area that is situated at the north end of Building 6, which is downgradient of the Construction Area. Conditions at Site 1 previously included subsurface structures related to the manufacturing operations that existed prior to 1997. These structures were removed during RAM activities between 1997 and 1998. During the RAM, approximately 240 cubic yards of soil was excavated from the area, tested, and determined to be suitable for re-use as backfill at the Network Drive Property. Additionally, approximately 20,000 cubic yards of loam and 52,000 cubic yards of soil were removed from the vicinity of the building 5 and 6 footprints in 2000, prior to construction. These excavations were reportedly performed at depths below the post excavation soil samples that were collected during RAM activities in 1997.

Also, in 2000 and prior to construction of Building 6, groundwater samples were collected from a boring location at the approximate center of the Building 6 footprint (B-3) and from a test pit at the south end of the Building 6 footprint (TP-104), and were analyzed for metals and VOCs. The sampling data was reported in a RAM Status Report dated September 11, 2000. VOCs and metals were not detected in either groundwater sample at concentrations above the applicable GW-1 standards.⁷

⁶ Phase II Comprehensive Site Assessment, Former RCA Facility, 183 Bedford Street, Burlington, Massachusetts, Release Tracking Number 3-0265, Tier IB Permit Number 102258, prepared by EMCON, for Lockheed Martin Corporation, Inc., dated 24 January 1997 (Phase II Report).

⁷ RAM Status Report, Former RCA Facility, prepared by EMCON, dated September 11, 2000.

Site 2 is the location of a former leachfield which was used for sanitary wastes from LCM Buildings, which was located approximately 300 feet to the west of and cross gradient of the Construction Area. The only VOCs present in soil and groundwater at Site 2 were the common laboratory contaminants acetone and methylene chloride, and these levels were reported to be below the applicable GW-1 Standards.

Based on the Phase II data and confirmatory sampling data collected during the RAMs, Exposure Point Concentrations (EPCs) for groundwater in these areas were calculated for risk assessment purposes, using methods described in the MCP. None of the calculated EPCs for Site 1 or 2 exceeded the current GW-1 standards. Both Site 1 and Site 2 are located within the area that is subject to a Class A-2 RAO-P.

Solvent Tank Area/ VOC Plume Area

A former solvent tank area was located in the area now occupied by portions of Building 5, and constitutes the historical source that is currently referred to as the "VOC Plume Area". The upgradient boundary of the VOC Plume Area is about 300 feet north and downgradient of the Construction Area, as shown in Figure 1.

VOCs in groundwater at a shallow well located between Building 6 and the former TCE Tank Area (MM14) were determined to be below the GW-1 Standards in effect in 2002, and below the current GW-1 Standards (2009).⁸

The VOC Plume Area is currently monitored twice per year by Shaw Environmental, Inc. (Shaw) on behalf of LMC as part of ongoing Remedy Operation Status (ROS) related activities.^{9 10}

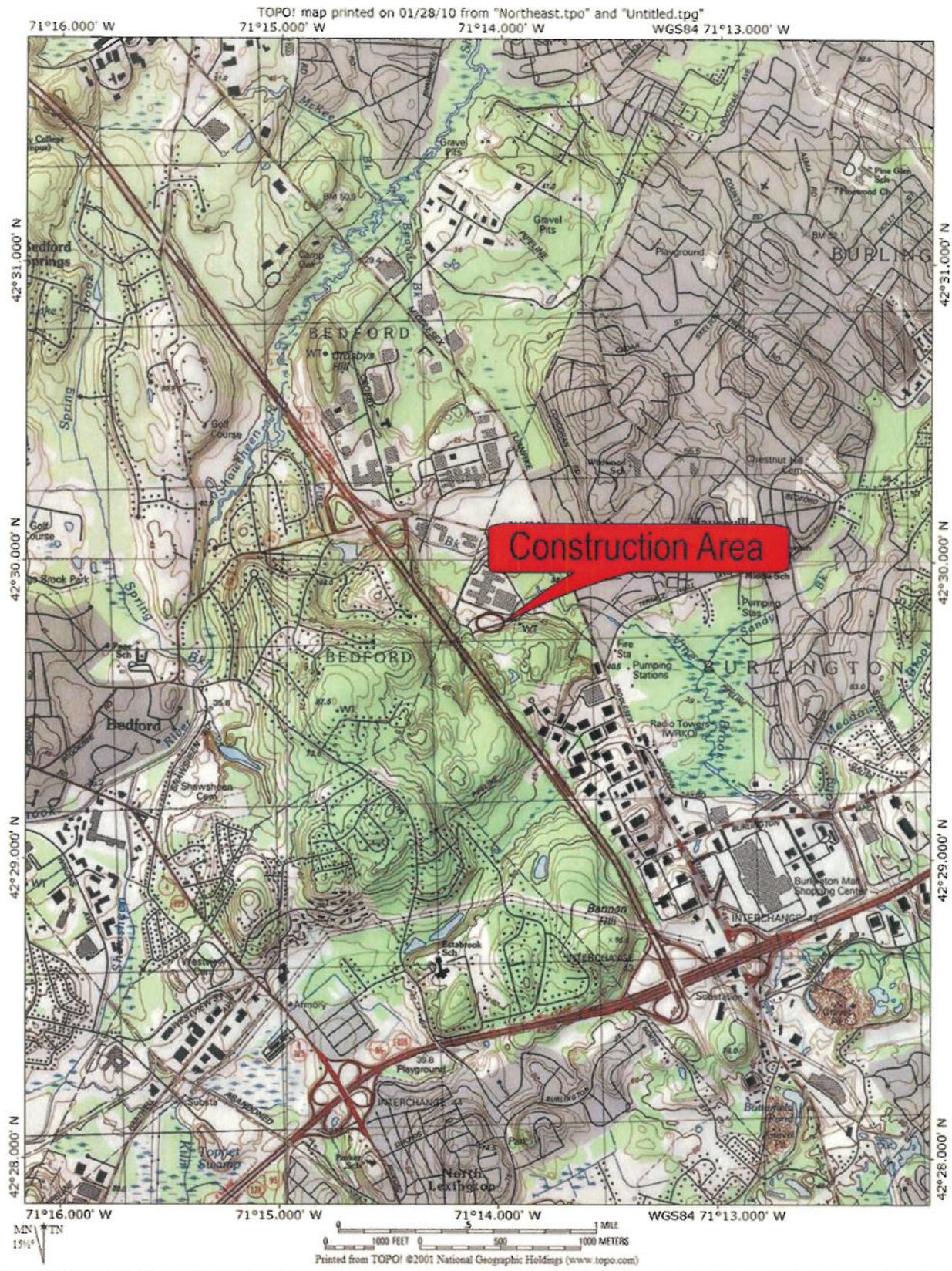
In November 2009, Shaw performed groundwater and soil vapor testing at Building 5, portions of which overlay the VOC Plume Area, to verify the absence of a vapor intrusion condition. This effort included the installation of a monitoring well (SB-102) adjacent to Building 5, approximately 200 feet downgradient of the current Construction Area (between the Construction Area and the VOC Plume Area). Sampling and analysis of shallow groundwater from this well in November 2009 indicated that groundwater at SB-102 did not contain VOCs at concentrations above the current GW-1 Standards.¹¹ A copy of the soil boring and testing data for SB-102 is attached to this memorandum as Attachment C.

⁸ Phase V Monitoring Report and Remedial Operation Status Statement, 1 Network Drive, Burlington, MA, RTN 3-0265, Tier 1B Permit Number 102258, prepared by IT Corporation for Lockheed Martin Corporation, dated 8 April 28, 2003.

⁹ Phase V Monitoring Report and Remedial Operation Status Statement, 1 Network Drive, Burlington, MA, RTN 3-0265, Tier 1B Permit Number 102258, prepared by IT Corporation for Lockheed Martin Corporation, dated 8 April 28, 2003.

¹⁰ Phase V Remedial Monitoring Reports obtained for the VOC Plume area since 2005 can be found online at http://db.state.ma.us/dep/cleanup/sites/Site_Info.asp?textfield_RTN=3-0000265.

¹¹ Notification of Environmental Sampling, Vapor Intrusion Study, 55 Network Drive, Burlington, MA 01803, RTN 3-0265, Former RCA Facility, 1 Network Drive, Burlington, MA 01803, Shaw Environmental, Inc., December 30, 2009.



Location of Construction Area
 Network Drive at Northwest Park
 Burlington, MA