

## INNER SPACE SERVICES, INC - PROJECT HISTORY

### PROJECT HISTORY:

#### **INNER SPACE SERVICES, INC.**

*100% WOMAN OWNED AND HUBZONE CERTIFIED*

P.O. Box 829, S. Casco, ME 04077 207-693-6411 Cell: 207-233-9268

85 Market St., Chelsea, MA 02150 Tel: 617-889-1949

[www.innerspacedredging.com](http://www.innerspacedredging.com)

#### **REPRESENTATIVE PROJECT EXPERIENCE**

**2012**

#### **DREDGING:**

1. **CAPTIAL IMPROVEMENTS TO UDALLS POND- DREDGING, TREATMENT, DEWATERING AND CONTAINMENT OF APPROX. 33,000 CYDS OF POND SEDIMENTS, GREAT NECK, NY;** Started in Nov. 2011, dredging and treatment of approx. 33,000 cubic yards of pond sediment. Work done in the Historic Saddlerock Grist Mill Pond (Udalls Pond) - one of the last remaining historic saltwater grist mills in the Country. Treatment of dredge materials with polymer Optimization system and containment into Geotextile tubes. Very limited lay down areas to work with in an urban environment.
  - A. OWNER: Nassau County Dept. of Public Works , Nassau County, NY
  - B. ARCHITECT/ENGINEER: DeBruin Engineering, Beth Page, NY
  - C. CONTACT: Ed Galvin, Galvin Brothers, Inc. (GC), 149 Steamboat Rd., Great Neck, NY 11024 TEL: 516-466-3785 ext 217 [e.galvin@galvinbrothers.com](mailto:e.galvin@galvinbrothers.com)

#### **DIVING AND UNDERWATER INSPECTIONS**

1. **REPAIRS AND INSPECTIONS OF UNDERWATER FLOOD CONTROL STRUCTURES, ANNUAL CONTRACT METROPOLITAN DISTRICT COMMISSION, BOSTON, MA- AWARDED NEW CONTRACT P12-2754-MIA-** Start 02-01-12  
Inspections, reports, repairs, videos and general maintenance of underwater structures at various locks and dams for the Metropolitan District Commission, year 2010/2011 contract.
  - A. OWNER: Dept. of Conservations and Recreation, Boston, MA
  - B. ARCHITECT/ ENGINEER: In House
  - C. CONTACT: Theo Bien-Aime, Resident Engineer, DCR, Charles River Dam, 250 Warren Ave., Charlestown, MA TEL: 617-727-0488  
[Theodore.Bien-Aime@state.ma.us](mailto:Theodore.Bien-Aime@state.ma.us)

**2011**

#### **DREDGING:**

1. **REPEAT MAINTENANCE DREDGING AT INTAKE FOR VERMONT YANKEE NUCLEAR POWER PLANT, VERNON, VT;** Dredge in front of cooling intake for Nuclear Generator in Connecticut River. Dredged 30 feet below surface, with 50 foot lift. Regulations and loss of lay down area required design of lined containment area of 130'x150' to contain Geotextile tubes. River sediments pumped through Polymer Optimization system to achieve water quality before discharge back to the CT River. Worked under very stringent security and safety regulations. Monitor NTU readings for reports to State. Called back in after demobilizing for emergency removal and treatment of accumulated sediments in the cooling towers.
  - A. OWNER: Entergy, Vermont Yankee Nuclear Power Corporation, Vernon, VT
  - B. ARCHITECT/ENGINEER: Normandeau Associates, Brattleboro, VT
  - C. CONTACT: Lynn Dewald, Entergy, Vermont Yankee Nuclear Power Plant, Governor Hunt Rd, Vernon, VT 05354 TEL: 802-380-4493 [ldewald@entergy.com](mailto:ldewald@entergy.com)

## INNER SPACE SERVICES, INC - PROJECT HISTORY

**2009/2010**

### **DREDGING:**

1. **REMEDICATION, DREDGING AND TREATMENT OF PCB CONTAMINATED SOILS, NATICK, MA**- Dredge approx. 4000 cyds of PCB contaminated sediments from Lake Cochicuate at US Army Soldier System Center, Natick, MA. Treat water with Optimizer polymer treatment system into Geotubes, return water through treatment system with sand and carbon filters. Strict EPA superfund guidelines and hazardous materials handling.
  - A. OWNER: US Army Natick Soldier Systems Center, Natick, MA
  - B. ARCHITECT/ENGINEER: ICF International/ Charter Environmental
  - C. CONTACT: Robert Delhome, Charter Environmental, Boston, MA  
TEL: 857-246-6800 [rdelhome@charterenvironmental.com](mailto:rdelhome@charterenvironmental.com)
2. **W912EP-10-C-0020 MAINTENANCE DREDGING GICW, CR TO AR, VENICE INLET, VENICE FL**; Dredge approx. 30,000 cyds of material from GICW that was previously dredged in 1960's and pump approx. 6000 feet, through heavily traveled Intracoastal Waterway for Beach Nourishment. Received ACOE Safety Pays award and zero accident award for safest contractor on a difficult project.
  - A. OWNER: West Coast Inland Navigational District, Venice, FL
  - B. ARCHITECT/ENGINEER: ACOE Jacksonville, FL District
  - C. CONTACT: Jesse Crawford-Mancini, PE, Jacksonville COE, Tampa Regional Office, Tampa, FL TEL: 904-412-8732 / 813-831-4894  
[Jesse.CrawfordMancini@usace.army.mil](mailto:Jesse.CrawfordMancini@usace.army.mil)

### **DIVING AND UNDERWATER INSPECTIONS:**

1. **REPAIRS AND INSPECTIONS OF UNDERWATER FLOOD CONTROL STRUCTURES, ANNUAL CONTRACT METROPOLITAN DISTRICT COMMISSION, BOSTON, MA**

Inspections, reports, repairs, videos and general maintenance of underwater structures at various locks and dams for the Metropolitan District Commission, year 2010/2011 contract.

  - A. OWNER: Dept. of Conservations and Recreation, Boston, MA
  - B. ARCHITECT/ ENGINEER: In House
  - C. CONTACT: Theo Bien-Aime, Resident Engineer, DCR, Charles River Dam, 250 Warren Ave., Charlestown, MA TEL: 617-727-0488  
[Theodore.Bien-Aime@state.ma.us](mailto:Theodore.Bien-Aime@state.ma.us)

**2008/2009**

### **DREDGING:**

1. **REPEAT MAINTENANCE DREDGING AT INTAKE FOR VERMONT YANKEE NUCLEAR POWER PLANT, VERNON, VT**; Dredge in front of cooling intake for Nuclear Generator in Connecticut River. Dredged 30 feet below surface, with 50 foot lift, 2800 lf of HDPE pipeline. Provided innovative containment area design using 300 foot GEOTUBES. Fully contained material in GEOTUBES for disposal upland at later date. Traditional settling basin would have allowed only half of sediment removal due to area constraints. Worked under very stringent security and safety regulations. Monitor NTU readings for reports to State.
  - A. OWNER: Vermont Yankee Nuclear Power Corporation, Vernon, VT
  - B. ARCHITECT/ENGINEER: Normandeau Associates, Brattleboro, VT
  - C. CONTACT: Larry Cummings, Vermont Yankee Nuclear Power Plant, Governor Hunt Rd, Vernon, VT 05354 TEL: 802-451-3317 [LCUMMI1@entergy.com](mailto:LCUMMI1@entergy.com)
2. **HYDRAULIC DREDGING OF LAKE HILLEGAS FOR GREENWICH COUNCIL, BOY SCOUTS OF AMERICA, GREENWICH, CT**; Hydraulically dredge approx. 15,000 cyds of material and process it through a Total Clean, Slurry Sediment Reduction System, allowing for materials to be trucked and stockpiled immediately. Build containment are with jersey barriers and liner to process micro-sediments through Geotextile tube before returning water to lake. Very stringent wetland and discharge regulations. Monitor NTU readings.
  - A. OWNER: Greenwich Council, Boy Scouts of America, Greenwich, CT
  - B. ARCHITECT/ENGINEER: Land Tech Consultants, Southbury, CT
  - C. CONTACT: Craig Jones, Greenwich Council Boy Scouts of America, 60 Mason St., Greenwich, CT TEL: 203-613-3580 [crjones@greenwichbsa.com](mailto:crjones@greenwichbsa.com)

## INNER SPACE SERVICES, INC - PROJECT HISTORY

### **DAM REHABILITATION:**

1. **AMELIA EARHART DAM- REHABILITATION OF FLOOD CONTROL PUMP #3, EVERETT, MA-** Dewater 40 foot deep underwater dam chamber, forebay and afterbay to make repairs to 630,000 GPM Flood Control Pump (. UHP waterjet blast and sandblast pump housing to near white metal make weld repairs, make ceramic epoxy repairs and recoat with zinc and coal tar epoxys. Re-flood chamber.
  - A. OWNER: Dept. of Conservations and Recreation, Boston, MA
  - B. ARCHITECT/ENGINEER: In House
  - C. CONTACT: Theo Bien-Aime, Resident Engineer, DCR, Charles River Dam, 250 Warren Ave., Charlestown, MA 02129 TEL: 617-727-0488

### **2006/2007**

### **DREDGING:**

1. **DREDGING CONTAMINATED MATERIALS, TERN HARBOR MARINA, WEYMOUTH, MA-** Environmental dredging of approx. 30,000 cyds. of hazardous/contaminated dredge materials to depths of 25' deep to remediate contaminated marina. Install 1000 lf of turbidity curtain. Pumped hazardous materials to remediation site to be treated with polymer treatment system and contained in Geotube.
  - A. OWNER: Conoco Phillips Oil Company, Houston, TX
  - B. ARCHITECT/ENGINEER: URS Corporation, Boston, MA; Contractor- Maxymillian Technologies, Pittsfield, MA
  - C. CONTACT: Duane Graves, URS Tel: 267-228-6726

### **DIVING AND UNDERWATER INSPECTIONS:**

1. **REPAIRS AND INSPECTIONS OF UNDERWATER FLOOD CONTROL STRUCTURES, ANNUAL CONTRACT METROPOLITAN DISTRICT COMMISSION, BOSTON, MA**

Inspections, reports, repairs, videos and general maintenance of underwater structures at various locks and dams for the Metropolitan District Commission, year 2006/2007 contract.

  - A. OWNER: Dept. of Conservations and Recreation, Boston, MA
  - B. ARCHITECT/ ENGINEER: In House
  - C. CONTACT: Theo Bien-Aime, Resident Engineer, DCR, Charles River Dam, 250 Warren Ave., Charlestown, MA TEL: 617-727-0488

### **2005/ 2006**

### **DREDGING:**

1. **NINIGRET POND HABITAT RESTORATION, W912WJ-04-C-0020, CHARLESTOWN, RI-** Environmental restoration project to remove 40,000 cyds from existing sedimentation basin to relieve delta shoaling in saltwater pond; removal or 200,000 cyds of sand from shoaled previously live eel grass beds to prepare areas for replanting and restoration of eel grass beds and juvenile fish habitats. Over 6000 foot pump to deposition area for beach nourishment. Working is very shallow waters, with extreme currents and excessive reshaling.
  - A. OWNER: US Army Corp of Engineers, New England District
  - B. ARCHITECT/ENGINEER: US Army Corp of Engineers, New England District
  - C. CONTACT: Maurice Beaudoin, Project Engineer, US Army Corp of Engineers, New England District, 103 Sawyer St., New Bedford, MA 02746 Tel: 978-318-8223
2. **MAINTENANCE DREDGING LAKE MONTUAK HARBOR- W912DS-04-C-0023, MONTAUK, NY:** Maintenance dredging of 15,000 cyds of the main channel to Lake Montauk Harbor to depth of 16' feet with beach nourishment.
  - A. OWNER: US Army Corp of Engineers, NY District
  - B. ARCHITECT/ENGINEER: US Army Corp of Engineers, NY Dist.
  - C. CONTACT: Randy Hintz, COR, US Army Corp of Engineers, 26 Federal Plaza, NY, NY 10278 Tel: 212-264-9032

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### **DIVING AND UNDERWATER INSPECTIONS:**

1. **REPAIRS AND INSPECTIONS OF UNDERWATER FLOOD CONTROL STRUCTURES, ANNUAL CONTRACT METROPOLITAN DISTRICT COMMISSION, BOSTON, MA**

Inspections, reports, repairs, videos and general maintenance of underwater structures at various locks and dams for the Dept. of Conservation and Recreation (formerly the Metropolitan District Commission), year 2003/2004 contract.

- A. OWNER: Dept. of Conservation and Recreation, Boston, MA
- B. ARCHITECT/ ENGINEER: In House
- C. CONTACT: Theo Bien-Aime, Resident Engineer, DCR, Charles River Dam, 250 Warren Ave., Charlestown, MA TEL: 617-727-0488

**2004**

### **DREDGING:**

1. **MAINTENANCE DREDGING AFTER 25 YEARS AT PUBLIC SERVICE OF NEW HAMPSHIRE COAL FIRED POWER PLANT, BOW, NH**

Dredge waste retention pond after 25 or more years of not being dredged 10'-12' deep. The plant had a limited area for a containment area so we built a containment area out of Jersey barriers, lined with filter cloth. This was then trucked out weekly to make room for more materials. Dredge material very fine so flocculant was added at the dredge to consolidate materials.

- A. OWNER: Public Service of NH, Bow, NH.
- B. ARCHITECT/ENGINEER: In house and INNER SPACE SERVICES, INC.
- C. CONTACT: Stan Drewniak, PSNH, 97 River Rd., Bow, NH 03304 TEL: 603-224-4081 x184

### **DIVING AND UNDERWATER INSPECTIONS:**

1. **REPAIRS AND INSPECTIONS OF UNDERWATER FLOOD CONTROL STRUCTURES, ANNUAL CONTRACT METROPOLITAN DISTRICT COMMISSION, BOSTON, MA**

Inspections, reports, repairs, videos and general maintenance of underwater structures at various locks and dams for the Metropolitan District Commission, year 2003/2004 contract.

- A. OWNER: Metropolitan District Commission, Boston, MA
- B. ARCHITECT/ ENGINEER: In House
- C. CONTACT: Theo Bien-Aime, Resident Engineer, MDC, Charles River Dam, 250 Warren Ave., Charlestown, MA TEL: 617-727-0488

**2003**

### **DREDGING:**

1. **REPEAT MAINTENANCE DREDGING AT INTAKE FOR VERMONT YANKEE NUCLEAR POWER PLANT, VERNON, VT**

Dredge in front of cooling intake for Nuclear Generator in Connecticut River. Dredged 30 feet below surface, with 40 foot lift, 2200 lf of HDPE pipeline. Provided innovative containment area design using 300 foot GEOTUBES. Fully contained material in GEOTUBES for disposal upland at later date. Traditional settling basin would have allowed only half of sediment removal due to area constraints. Worked under very stringent security and safety regulations. Monitor NTU readings for reports to State.

- A. OWNER: Vermont Yankee Nuclear Power Corporation, Vernon, VT
- B. ARCHITECT/ENGINEER: Normandeau Associates, Brattleboro, VT
- C. CONTACT: Tom Osterhoudt, Vermont Yankee Nuclear Power Plant, Governor Hunt Rd, Vernon, VT TEL: 802-451-3014

### **DIVING AND UNDERWATER INSPECTIONS:**

2. **REPAIRS AND INSPECTIONS OF UNDERWATER FLOOD CONTROL STRUCTURES, ANNUAL CONTRACT METROPOLITAN DISTRICT COMMISSION, BOSTON, MA**

Inspections, reports, repairs, videos and general maintenance of underwater structures at various locks and dams for the Metropolitan District Commission, year 2003/2004 contract.

- A. OWNER: Metropolitan District Commission, Boston, MA
- B. ARCHITECT/ ENGINEER: In House
- C. CONTACT: Theo Bien-Aime, Resident Engineer, MDC, Charles River Dam, 250 Warren Ave., Charlestown, MA TEL: 617-727-0488

## INNER SPACE SERVICES, INC - PROJECT HISTORY

**2002**

### **DREDGING:**

1. **HYDRAULIC DREDGING AND EXPERIMENTAL ENVIRONMENTAL AVIAN HABITAT CREATION, US ARMY CORP OF ENGINEERS, ICWW MORICHES BAY, LONG ISLAND, NY DACW51-02-C-0035:** Dredge 80,000 cyds of sand and build spoils containment area. Containment area reconfigured into environmentally engineered bird habitat area. Experimental project in hopes to find environmentally friendly beneficial reuse of dredge spoil materials.
  - A. OWNER: US Army Corp of Engineers, New York District
  - B. ENGINEER: US Army Corp
  - C. CONTACT: Leo Strogach, Project Team Leader, US Army Corp of Engineers, 26 Federal Plaza, NY, NY 10278 Tel: 212-264-9032
2. **REMEDIATION HYDRAULIC DREDGING OF CONTAMINATED DREDGE SPOILS AND DISPOSAL, CANADIAN PACIFIC RAILROAD, NEWPORT, VT:** Dredge 440 cyds of heavy metal and petroleum contaminated materials, using flocculant and Geotube containers, enclosed in a lined jersey barrier containment area. Monitor for strict environmental constraints and water quality. De-water materials and mix with drying agent. Truck to disposal site for daily cover.
  - A. OWNER: Canadian Pacific Railroad
  - B. ENGINEER: Drumlin Environmental, LLC
  - C. CONTACT: Matt Reynolds, Project Engineer, Drumlin Env. PO Box 392, Portland. ME 04112 tel: 207-771-5546
3. **DREDGING PGA GOLF COURSE POND, NASHAWTUC COUNTRY CLUB, SUDBURY, MA:** Dredge and reshape golf course ponds and design containment area.
  - A. OWNER: Nashawtuc Country Club
  - B. ENGINEER: ENSR
  - C. CONTACT: Mike Toohill, ENSR, 2 Technology Drive, Westford, MA 01886 tel: 978-589-3000

### **DIVING AND UNDERWATER INSPECTIONS, ETC.**

1. **CONTINUATION OF METROPOLITAN DISTRICT COMMISSION ANNUAL DIVING CONTRACT- SEE 2001**
2. **INSPECTION OF SHEET PILE CELL STRUCTURES FOR ARMY CORP OF ENGINEERS NEW BEDFORD HARBOR REMEDIATION PROJECT- DACW33-94-D-0002**
  - A. OWNER: USACOE NEW ENGLAND DIV. – FOSTER WHEELER/ R. ZOPPO CONTRACTORS

**2001**

### **DREDGING:**

1. **HYDRAULIC DREDGING, US ARMY CORP OF ENGINEERS, NARROWS OF LAKE CHAMPLAIN, WHITE HALL, NY- DACW51-01-C-0019:** Dredge approx. 65, 000 cyds of materials from the Champlain Canal and pump to containment area. Build containment area on Cooke's Island to contain materials; wetland mitigation of impacted wetland area. Project commencement August 2001.
  - A. OWNER: US Army Corp of Engineers, NY District, NY, NY
  - B. ARCHITECT/ENGINEER: In House- USACOE
  - C. CONTACT: Bob Berrian, Project Engineer, 1 Bond St., Troy, NY TEL: 518-273-0870
2. **HYDRAULIC DREDGING, SHANTY TOWN CHANNEL, OCEAN CITY, MD:** Dredge Approx. 12,000 cyds of sand and pump 3400 lf to containment area to deepen navigational channel. Restore containment area to original condition.
  - A. OWNER: Worcester County BOCC, Snow Hill, MD/ Ocean City Fishing Center, Ocean City, MD
  - B. ARCHITECT/ENGINEER: In House
  - C. CONTACT: Charlie Vanarsdale, Ocean City Fishing Center, PO Box 940, Ocean City, MD 21842 TEL: 410-213-1121 or John Tustin, PE, Worcester County DPW, 6113 Timmons Rd, Snow Hill, MD 21863 TEL: 410-632-5623

## INNER SPACE SERVICES, INC - PROJECT HISTORY

3. **HYDRAULIC DREDGING, BEACH NOURISHMENT AND PLANTING, US ARMY CORP OF ENGINEERS, BALTIMORE, LITTLE WICOMICO RIVER, VIRGINIA-DACW31-01-C-0021**: Dredge approx. 18,000 cyds and pump 7000 lf to beach for renourishment. Grade and plant over 2 acres of beach grass and Spartina.
  - A. OWNER: US Army Corp of Engineers, Baltimore Dist, Baltimore, MD
  - B. ARCHITECT/OWNER: In house
  - C. CONTACT: Heather Batcheldar, Project Manager, USACOE, Contracting Div. , 10 S. Howard St., Rm 7000, Baltimore, MD 21201 TEL: 410-962-3687

### **DIVING AND UNDERWATER INSPECTIONS, REPORTS AND ROV INSPECTIONS:**

1. **REPAIRS AND INSPECTIONS OF UNDERWATER FLOOD CONTROL STRUCTURES, 2-YEAR CONTRACT, METROPOLITAN DISTRICT COMMISSION, BOSTON, MA-** inspections, video, repairs and general maintenance of underwater structures, locks and dams for greater Boston area. 2-year annual contract.
  - A. OWNER: Metropolitan District Commission, Boston, MA
  - B. ARCHITECT/OWNER: In House
  - C. CONTACT: Theo Bien Aime, Jr., MDC, Charles River Dam, Charlestown, MA TEL: 617-727-0488

### **2000**

#### **DREDGING:**

1. **HYDRAULIC DREDGING AT NATIONAL GYPSUM PLANT TO DEEPEN BERTHING DOCK FOR MATERIAL SHIPS, E. GREENBUSH, NY**: Hydraulic dredging of approximately 13,000 cys of material to depth of 32 feet below mean low water, to deepen berthing/unloading dock for gypsum material ships on the Hudson River.
  - A. OWNER: National Gypsum Company, Charlotte, NC
  - B. ARCHITECT/ENGINEER: Coastline Consulting, LLC., Madison, CT
  - C. CONTACT: Mark Jackson, P.E., Coastline Consulting, 63 Circle Beach Rd., Madison, CT 06443 TEL: 203-245-8138

### **DIVING AND UNDERWATER INSPECTIONS, REPORTS AND ROV INSPECTIONS**

3. **REPAIRS AND INSPECTIONS OF UNDERWATER FLOOD CONTROL STRUCTURES, ANNUAL CONTRACT METROPOLITAN DISTRICT COMMISSION, BOSTON, MA** Inspections, reports, repairs , videos and general maintenance of underwater structures at various locks and dams for the Metropolitan District Commission, year 2000/2001 contract.
  - A.OWNER: Metropolitan District Commission, Boston, MA
  - B. ARCHITECT/ ENGINEER: In House
  - D. CONTACT: Theo Bien-Aime, Resident Engineer, MDC, Charles River Dam, 250 Warren Ave., Charlestown, MA TEL: 617-727-0488

### **1998-1999**

#### **DREDGING / UNDERWATER DRILLING AND BLASTING:**

1. **BATH IRON WORKS CONSTRUCTION OF \$250,000,000.00 LAND LEVEL TRANSFER FACILITY; DRILLING, BLASTING AND DREDGING 20,000 CY OF LEDGE ROCK, BATH, ME**; Drilling and blasting over 20,000 cys of granite and gneiss ledgerrock from the Kennebec River, Bath, ME in up to 30 feet of tidal water to prepare for dredging and removal. Mechanical dredging of blasted rock, additional underwater hydraulic hammering of unblasted rock and disposal by dump scow to prepare area for new dry docking "landing pads". Blasting work performed under very strict environmental conditions, with tight environmental window and endangered fish species in project area. Project performed in winter months with heavy ice flows.
  - A. OWNER: Bath Iron Works, General Dynamics. Bath, ME
  - B. ARCHITECT/ ENGINEER: Clark Construction, Bath, ME
  - C. CONTACT: Jim Hervol, P.E., Clark Construction Group, 505 Washington St., Bath, ME 04530 TEL: 207-442-3117
2. **EMERGENCY DREDGING OF FIRE INTAKE AT GEORGIA PACIFIC PAPER PLANT, BRATTLEBORO, VT**; Hydraulic dredging of approximately 1200 CY of accumulated sediments that were blocking the water flow to the emergency fire pumping station. Pumped materials approximately 1000 lf into 100 foot GEOTUBES for subsequent upland disposal. Project just North of Vermont Yankee project where Inner Space Services, Inc. designed and performed similar project the year

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before. Methodology recommended and approved by Vermont Department of Water Quality for good environmental practices.

- A. OWNER: Georgia Pacific, Brattleboro, VT
- B. ARCHITECT/ ENGINEER: In house; Inner Space Services, Inc.
- C. CONTACT: David Johnson, RR #6, Box 8, Brattleboro, VT 05301 TEL: 802-257-0511

3. **CONSULTING SERVICES FOR NIAGARA MOHAWK NUCLEAR POWER PLANT, OSWEGO, NY;** Consulted with maintenance department in regards to dredging sedimentation from cooling water intake basins and depositing into Geotube.

### **DIVING AND UNDERWATER INSPECTIONS, REPORTS AND ROV INSPECTIONS:**

1. **REPAIRS AND INSPECTIONS OF UNDERWATER FLOOD CONTROL STRUCTURES ANNUAL CONTRACT FOR THE METROPOLITAN DISTRICT COMMISSION, BOSTON, MA** 1998 and 1999 Contracts; Inspections, video documentation, repairs to trash racks, sluice gates, dams, locks, etc. and other underwater structures at various Metropolitan District Commission locks and dams.
  - A. OWNER: Metropolitan District Commission, Boston, MA
  - B. ARCHITECT/ ENGINEER: In house
  - C. CONTACT: Chris Gentile, Charles River Dam, 250 Warren Ave., Charlestown, MA TEL: 617-727-0488

### **1997**

#### **DREDGING:**

1. **EMERGENCY MAINTENANCE DREDGING AT INTAKE FOR VERMONT YANKEE NUCLEAR POWER PLANT, VERNON,** VT; Dredge in front of cooling intake for Nuclear Generator in Connecticut River. Response time critical, mobilization within 10 days after contract. Dredged 20 feet below surface, with 40 foot lift, 2200 lf of HDPE pipeline. Provided innovative containment area design using 300 foot GEOTUBES. Fully contained material in GEOTUBES for disposal upland at later date. Traditional settling basin would have allowed only half of sediment removal due to area constraints. Worked under very stringent security and safety regulations.
  - D. OWNER: Vermont Yankee Nuclear Power Corporation, Vernon, VT
  - E. ARCHITECT/ENGINEER: Normendeau Associates, Brattleboro, VT
  - F. CONTACT: Tom Osterhoudt, Vermont Yankee Nuclear Power Plant, Governor Hunt Rd, Vernon, VT TEL: 802-451-3014
2. DREDGE FISH PONDS, SPRING VALLEY, NY; Dredge three, separate ponds with pre-dredge elevations of -1.0 to -2.0 below water level to -6.0 to -10.0 below water level into onsite containment area for preparation of recreational fishing purposes.
  - A. OWNER: Matterhorn Nurseries, Spring Valley, NY
  - B. ARCHITECT: none

### **DIVING AND UNDERWATER INSPECTIONS, REPORTS AND ROV (REMOTE OPERATED VEHICLE) INSPECTIONS:**

1. **REPAIRS AND INSPECTION OF UNDERWATER FLOOD CONTROL STRUCTURES ANNUAL CONTRACT FOR THE METROPOLITAN DISTRICT COMMISSION, BOSTON, MA;** Underwater inspections, evaluations, reporting and repairs to locks, sluice gates and other underwater structures at various Metropolitan District Commission Dams and Locks.
  - A. OWNER: Metropolitan District Commission, 20 Somerset St., Boston, MA 02116
  - B. ENGINEER/ARCHITECT: In house
  - C. CONTACT: Nick Winters, Charles River Locks and Dam, Charlestown, MA TEL: 617-727-0488 or Chris Gentile, PE 781-925-1032
2. **UNDERWATER INSPECTIONS AND REPORTING OF MASS HIGHWAY DEPARTMENT BRIDGES, VARIOUS LOCATIONS, MASSACHUSETTS;** Measure, locate and report underwater anomalies and condition of bridges in Attleboro and Plymouth, MA. Video tape, photograph and report conditions of arches, abutments, footings, etc. for all underwater and underside of bridges by diving, boat and underwater video and photography equipment.
  - A. OWNER: Massachusetts Highway Dept., 10 Park Plaza, Boston, MA 02116

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- B. ENGINEER/ARCHITECT: ASEC Corporation, 100 Congress St., Suite 303,  
Quincy, MA 02169  
C. CONTACT: ASEC Corp., ATTN: Mir Ali Tel: 617-376-2560
3. **UNDERWATER INSPECTION OF 3'x 5' CONCRETE STORMWATER CULVERT,  
1000' LENGTH, REPORT AND VIDEO TAPE, LYNN, MA**  
A. OWNER: Stop and Shop, Boston, MA  
B. ENGINEER: Vanasse, Hangen, Brustlin, Inc., 101 Walnut St., PO Box 9151, Watertown, MA  
0227  
C. CONTACT: VHB, Inc., ATTN: Mike Tucker, PE Tel: 617-924-2286 or Fax: 617-924-1770
4. **REPAIR TO TIE RODS, PORTLAND FISH PIER, PORTLAND, ME**  
A. OWNER: City of Portland, 389 Congress St. Portland, ME 04101  
B. ENGINEER: TEC Associates, 46 Sawyer St., So. Portland, ME 04106  
C. CONTACT: Frank Lewis, Portland Waterfront Director Tel: 207-773-1613 or Fax: 207-773-  
0285

### **PIPELINE AND TRENCHLESS TECHNOLOGY INSTALLATIONS:**

1. **CLEAN 60" SANITARY SEWER LINE USING INDUCTION PUMP SYSTEM TO PREPARE  
FOR RELINING, BOSTON, MA;** Remove silt and sedimentitious materials from sanitary pipe  
using 4" induction pump and lift system to ready pipe for relining.  
A. OWNER: A.A. Will, Corp. , Stoughton, MA 02072  
A. ENGINEER: Unknown ( subcontract)  
B. CONTACT: Manny Silva, A.A. Will Tel: 617-341-4800

### **1996**

### **DREDGING:**

1. **DREDGE PAMET HARBOR AND BEACH NOURISHMENT, TRURO, MA;** Remove 80,000 cy  
material from landfilled harbor, deposit and plant dredge materials as beach nourishment. Dredged  
inner harbor into containment area.  
A. OWNER: Commonwealth of Massachusetts, Sept. of Env. Mgt., Boston, MA  
A. ENGINEER: Coastal Eng., Orleans, MA and Dept. of Env. Mgt., Hingham, MA  
B. CONTACT: Paul Morris, Director of Public Works, Truro, MA Tel: 508-349-2140  
Fax: 508-349-3982

### **UNDERWATER INSPECTIONS AND REPORTING:**

1. **60" STORM WATER PIPELINE INSPECTION BY REMOTE OPERATED VEHICLE (ROV)  
AND REPORT**  
A. OWNER: Price Costco Corp. Land Development  
B. ENGINEER: Vanasse, Hangen Brustlin, Inc. , 101 Walnut St., PO Box 9151, Watertown, MA  
02272  
C. CONTACT: Steve Chouinard, PE, VHB Tel: 617-924-2286 Fax: 617-924-1700

### **PIPELINE AND TRENCHLESS TECHNOLOGY INSTALLATIONS:**

1. **INSTALLATION OF 20" HDPE ACTIVE SEWER CONNECTOR PIPELINE FOR THE  
MASS. WATER RESOURCE AUTHORITY, PRISON POINT PUMPING STATION,  
CAMBRIDGE, MA**  
A. OWNER: Massachusetts Water Resource Authority, 171 Alford St., Charlestown, MA 02129  
B. ENGINEER/ARCHITECT: In house MWRA  
C. CONTACT: Tony Schepis, MWRA Tel: 617-389-1685 Fax: 617-389-0263
2. **INSTALLATION OF WATERLINE UNDER PUBLIC ROADWAY BY UNDERGROUND  
BORING, TRENCHLESS TECHNOLOGY, WILMINGTON, MA**  
A. OWNER: Kwik Kava coffee Shops  
B. CONTRACTOR: Winders Construction, 571 Randolph St., Abington, MA 02351  
C. CONTACT: Jim Casey or Robert Winders, Winders Const. Tel: 617-871-0938 Fax: 617-871-  
4765



## INNER SPACE SERVICES, INC - PROJECT HISTORY

**1995:**

### **DREDGING:**

1. **DREDGE DRY DOCK 1, 2 & 3 AND BERTH 11 AT THE PORTSMOUTH NAVAL SHIPYARD, NUCLEAR SUB BASE, KITTERY, ME AND PREPARE INNOVATIVE, ENVIRONMENTAL CONTAINMENT AREA FOR DREDGE SPOILS AND REMOVAL.**
  - A. OWNER: US Navy, Portsmouth Naval Shipyard, PO Box 2032, BLDG H-29, Portsmouth, NH 03801- 2032
  - B. ENGINEER/ARCHITECT: In house, Navy
  - B. CONTACT: Ron Larrivee, Contract Administrator, Tel: 207-438-4617 Fax: 207-438-2916

### **UNDERWATER INSPECTIONS, REPORTING AND CONSTRUCTION:**

1. **BOSTON WATER AND SEWER ANNUAL DIVING AND INSPECTION CONTRACT, INCLUDING ROV INSPECTIONS, DIVING AND REPORTING**
  - A: OWNER: Boston Water & Sewer Commission, 425 Summer St., Boston, MA 02210
  - B. ENGINEER: In house, BWSC
  - B. CONTACT: Steve Shea, BWSC Tel: 617-330-9400 Fax: 617-261-4526
2. **EMERGENCY REPAIR EXISTING 12" PVC WATER INTAKE LINE FOR PUBLIC WATER SUPPLY, PLEASANT LAKE, METHUEN, MA**
  - A. OWNER: Town of Methuen Eng. Dept., 90 Hampshire St., Methuen, MA 01844
  - B. ENGINEER/ ARCHITECT: In house, Engineering Dept. , Methuen, MA
  - B. CONTACT: Steve Gagnon, PE Tel: 508-794-3264 Fax: 508-794-3207
3. NORFORD LAKE PRIVATE DAM EVALUATION AND REPORT, NORWICH, VT
  - A. OWNER: Private
  - B. ENGINEER: T&M Associates, Inc., 254 Dartmouth College Hwy., Lebanon, NH 03766
  - C. CONTACT: Brian Bennett, PE T&M Assoc. Tel: 603-448-1295 Fax: 603-448-2965

### **PIPELINE AND TRENCHLESS TECHNOLOGY INSTALLATIONS**

1. **INSTALLATION OF 12" HDPE SANITARY SEWER PIPE BY PIPEBURSTING METHOD, UNDER BUILDINGS, GRANITE SEAWALLS AND IN INTERTIDAL AREA. FIRST EVER PIPEBURSTING PROJECT IN NEW ENGLAND AT MANCHESTER-BY-THE-SEA, MASSACHUSETTS.**
  - A. OWNER: Town of Manchester-by-the-Sea, MA
  - B. ENGINEER: Dept. of Public Works, Town Hall, DPW, Manchester-by-the-Sea, MA 01944-1399
  - C. CONTACT: Robert Moroney, PE, Director DPW Tel: 508-526-1242 Fax: 508-526-1849
2. **INSTALLATION OF 6" HIGH PRESSURE WATERLINE UNDER HISTORIC BUILDING BY PIPEBURSTING METHOD.**
  - A. OWNER: TMC ASSOC., 1265 John Fitch Blvd., So. Windsor, CT 06074
  - B. ENGINEER: in house, TMC
  - C. CONTACT: Rich Rabe, TMC Tel: 800-852-4965 Fax: 203-290-8338

**1994**

### **DREDGING:**

1. **DREDGE PIPELINE TRENCH TO INSTALL 12" CAST IRON WATER INTAKE LINE TO NEW TREATMENT PLANT AND REBURY TRENCH W/ HYDRAULIC DREDGE, NEW MILFORD, CT.**
  - A. OWNER: Viking Const., 880 Canal St., Stamford, CT 06902
  - B. ENGINEER: not known, Inner Space Services, Inc. subcontract
  - C. CONTACT: Anthony Gaglio, Viking Const. Tel: 203-353-0260 Fax: 203-353-0750

### **UNDERWATER INPECTIONS, REPORTING AND CONSTRUCTION:**

1. **INSTALL WATER INTAKE STRUCTURE AND 12" HDPE WATER INTAKE PIPELINE UNDERWATER AT HORSE POND RESERVOIR, NO. BROOKFIELD, MA**
  - A. OWNER: Town of No. Brookfield Water Dept., Town Hall, Main St., No. Brookfield, MA 01535
  - B. ENGINEER: Graves Eng., 27 West Mountain St., Worcester, MA 01606
  - C. CONTACT: Bill Emerson or Dick Batchelder, No. Brookfield Water Dept. Tel: 508-867-0203 Fax: 508-867-0249

## INNER SPACE SERVICES, INC - PROJECT HISTORY

2. **REPAIR TO BRAINTREE RESERVOIR SPILLWAY, BRAINTREE, MA**
  - A. OWNER: Braintree Water & Sewer Dept. , Town Hall, Braintree, MA 02184
  - B. ENGINEER: in house, Braintree Eng. Dept.
  - C. CONTACT: Joe Celano, PE , Braintree Water Dept. Tel: 617-843-8097 Fax: 617-843-8285
3. **DIVE INSPECTION AND REPORT FOR MANCHESTER WATER WORKS RAW WATER INTAKE LINES, MANCHESTER, NH**
  - A. OWNER: Manchester Water Dept., Dept. of Public Works, Manchester, NH
  - B. ENGINEER: Whitman & Howard, Inc., 143 N. Main St., Concord, NH 03301-5089
  - A. CONTACT: Oliver Poirier, PE, Whitman & Howard Tel:603-228-0535  
Fax: 603- 228-4233

### **1993:**

#### **DREDGING:**

1. **DREDGING OF SWAMPSCOTT HARBOR, MA WITH DISPOSAL OF DREDGE MATERIALS AS BEACH NOURISHMENT**
  - A. OWNER: Commonwealth of MA. Dept. of Env. Mgt. , Boston, MA
  - B. ENGINEER; Nucci & Vine, Newburyport, MA
  - C. CONTACT: Bob Grimes, owner Blackwatch Fisheries, Swampscott, MA Tel: 617-592-6962

### **1992:**

#### **MARINE RECREATIONAL FACILITIES:**

1. **CONSTRUCT BOARDWALK THROUGH ENVIRONMENTALLY SENSITIVE FLORIDA KEY PARK, INSTALL WATERLINE AND APPURTENANT WORK, LOWER MATECUMBE KEY, FLORIDA**
  - A. OWNER: Board of Commissioners, Monroe County, Key West, FL 33040
  - B. ENGINEER: in house, Monroe County Engineering Dept.
  - C. CONTACT: David Koppel, PE, Monroe County Tel: 305-294-4641 Fax: 305-295-s4321