



STATEMENT OF QUALIFICATIONS

36 Clermont Drive

Clermont, New Jersey 08210

1-609-263-6666

www.nstareniromental.com

COMPANY STATEMENT

NorthStar, Inc. is a Business headquartered in Clermont, New Jersey. NorthStar is a full service environmental & marine company providing clients from Maine to the Gulf Coast with effective environmental solutions and turnkey environmental services since 1990.

NorthStar utilizes our resources to successfully conduct all phases of environmental remediation projects. Our philosophy is simple: *Meet our client's environmental needs in a safe, cost-effective manner utilizing company-owned equipment, experienced and trained employees, and the latest available technology.*

We have successfully performed hundreds of remediation projects resulting in a long list of repeat, satisfied customers from all areas of industry, including:

- Federal and State Government Agencies
- Utility Companies
- Airports
- Ferry Services
- Engineers
- Petroleum Suppliers
- Private Industry
- Real Estate Development Companies
- Transportation Companies
- Consultants

The NorthStar team is a highly experienced management group with an average of over 25 years per. person in the environmental services field



Corporate Office:

36 Clermont Drive
Clermont, NJ, 08210
PH: 609-263-6666 / FX: 609-264-1055



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COMPANY HEALTH & SAFETY

Health and Safety is NorthStar's number one priority. We are dedicated to providing a safe and healthful environment for our employees, team members and clients by providing an effective Environmental Safety and Health Program. Along with routine safety training which is carried throughout our organization.

Health and Safety records, OSHA forms/logs, and EMR reports demonstrate this commitment (reports provided upon request). NorthStar EMR rating, reported by our Insurance, for the current year is .089. NorthStar has had no OSHA recordable incidences in the past Three years. NorthStar Total Reportable Incident Report (TRIR) and Loss of Work Incident Report (LWIR) have consistently remained at zero over the past three years. The Health and Safety culture at NorthStar starts from senior management and extends throughout the entire company. NorthStar encompasses a policy that all personnel have the authority to "stop work" should they feel that Health or Safety is being compromised. This is not only a right for each employee...but a responsibility.

COMPANY PROFILE

We provide a broad spectrum of environmental services to private, public, industrial and commercial clients. With safety standards as our highest priority coupled with industry best practice, NES provides services in the land and marine environments. Our first services offered in 1991 focused on emergency response contracts which has developed our service areas to cover a wide range of industrial and remediation services. Our specialized equipment and highly trained personnel places us in a unique position to organizationally prepare, respond, and remediate with the best resources for our clients. Commitment to quality and safety are of the highest priority to NES.

We are an experienced resource for your environmental needs. Our expert staff consists of experienced professionals licensed by the New Jersey Department of Environmental Protection (NJDEP) for UST closure and sub-surface evaluation. We are OSHA certified and an approved United States Coast Guard response contractor. We also carry full liability and pollution insurance.

Our workforce is highly trained on specialized equipment. We perform the initial design and assessment, prioritize the Client's issues and outline the entire remedial process to configure a complete financial assessment of each project. We plan for fiscal accountability, governmental concerns and full environmental compliance. We prepare the required compliance reports and regulatory permits in order to complete the project in a timely manner. In addition, we provide extensive documentation, customized to your requirements.



With the personnel, equipment and most importantly the expertise to handle a wide variety of complex environmental situations, NorthStar Environmental Services provides cost-effective solutions to even the most challenging applications. From routine tank removals and inspections to analyzing contamination migration, we stand ready to assist you 24 hours a day, 7 days a week.

NorthStar has extensive experience in efficiently managing all types of environmental remediation projects. This experience along with our extensive list of company owned equipment including spill trailers, waste hauling equipment and excavation equipment allows us to be a turnkey provider of the following services:

- Soil and Ground Water Remediation
- Conveyance Line services
- Removal and Disposal of Contaminated/Non-contaminated Soils
- Removal and Disposal of Hazardous and Non-hazardous Wastes
- 24 Hour Emergency Response Services for Marine, Industrial and Transportation Releases
- Vacuum Truck Services
- Drum Management Services
- Facility Maintenance
- Decontamination
- Installation of Treatment Systems
- Marine Transfer Services
- Industrial Services



OUR PHILOSOPHY

At NorthStar Environmental Services, we recognize the importance of safeguarding the environment, not only to meet today's stringent regulations but for the health and welfare of future generations. For more than 25 years, we've worked to maintain communities so that residents can feel safe from environmental risks and hazards.

We take pride in the partnerships and strong foundations we have built within the industry, from the field to the boardroom. We work with our Clients on each job to custom design solutions that not only exceed operational expectations but satisfy budgetary requirements.

OUR PEOPLE

NorthStar Environmental Services is an experienced resource for your environmental needs. Our expert staff consists of experienced professional consultants such as LSRPs licensed by the New Jersey Department of Environmental Protection for UST Closure and Subsurface Evaluation and well qualified environmental scientists. We are OSHA certified and an approved United States Coast Guard response contractor.

Our people are our best asset. Given the specialty equipment and process operations that we perform on a day-to-day basis, all NorthStar Environmental Services Hazardous Materials Technicians undergo extensive OSHA training programs required (OSHA 29 CFR 191). It is our belief that to provide a quality service, our people not only need to have quality training, but continual support. Training does not end after the first class is completed, but continues throughout the year with an annual HAZWOPER refresher program, on-the-job guidance, and seminars to help keep us at the top of our game. We follow a complete and thorough Health & Safety Program that encompasses training and awareness in the areas of OSHA, DOT, Confined Space Entry, Hazardous Communications and First Aid. Our truck drivers are CDL licensed with HAZMAT certification and all NorthStar Environmental employees carry Transportation Workers Identification Cards (TWIC).

NorthStar also offers an extensive staff of maritime specialists and services. Our Captains are all licensed through the United States Coast Guard as Master of Steam or Motor Vessel and carry a Master of Towing Vessels Endorsement. Our divers are trained in Marine Salvage, Prop Disentanglement, Bulkhead & Dock inspections, Underwater Video Surveys and Surface Supplied Air Hard Hat Dives.



GENERAL INFORMATION

| | | | | | |
|--|--|---------------|--|--|--|
| Legal Name | NorthStar Marine, Inc. d/b/a NorthStar Environmental Services | | | | |
| Incorporation | New Jersey, March 1, 1990, Privately Held | | | | |
| Management | Phil Risko, President & CEO Paul DeBlasio, Executive Vice President | | | | |
| NJ Office | 36 Clermont Drive | Clermont, New | | | |
| | Jersey 08210 | | | | |
| | (609) 263-6666 phone | | | | |
| | (609) 624-1055 fax | | | | |
| PA Office | Philadelphia Naval Yard | | | | |
| Web Site | www.nstarenvironmental.com | | | | |
| Fed. ID | 52-1682017 | | | | |
| NJ Corp. ID | 60454 44600 8210 0 | | | | |
| NJ Business Reg. | 93833 | | | | |
| DNB | 622-184-406 | | | | |
| SIC | Environmental Services 8744 | | | | |
| | Surface Cleanup | 1629 | | | |
| Environmental assessment | B510 | | | | |
| Hazmat removal/cleanup/disposal | F108 | | | | |
| Oil spill cleanup | F112 | | | | |
| Salvage marine vessels | P300 | | | | |

General Information (Continued)

| | |
|------------------------------|--------------|
| US EPA ID | NJR000047183 |
| LSRP ID | 573454 |
| Solid waste transport | 20595 |
| US DOT | 793394 |
| UST Closure | USO1235 |
| Subsurface Evaluation | 188226 |



Federal Service Codes

| | |
|------------------------------------|------|
| Pollution control/abatement | AH1 |
| Water pollution | AH3 |
| Other pollution | AH5 |
| Other environmental | AH9 |
| Transportation, marine | AS4 |
| Chemical, biological | B504 |

AFFILIATIONS AND MEMBERSHIPS

NorthStar is proud to be an active member of the following organizations.

- ❖ Licensed Site Remediation Professional Association
- ❖ ISNet World
- ❖ Gold Shovel Certified
- ❖ Avetta Approved
- ❖ C-PORT Marine Towing and Salvage Industry
- ❖ American Salvage Association
- ❖ Spill Control Association of America
- ❖ American Wind Energy Association



NorthStar works diligently to establish repeat business and lasting working relationship with its clients. NorthStar has been providing environmental remediation services for marine and roadway releases since 1990. These remediation services include but are not limited to soil remediation, tank cleaning, marine services, building demolition, soil/debris disposal, site work, restoration, and emergency response. NorthStar has been established as a preferred vendor for many large-scale clients. Similarly, NorthStar has maintained an Emergency Spill response contract with the United States Coast Guard for years. We also currently maintain a United States Coast Guard Marine Transfer License which often proves to be vital to many of our clients in the Marine and Shipping Industries.

NorthStar has provided regional environmental remediation services for its clients and has also provided national/regional emergency response efforts. In addition to the project descriptions provided in this qualifications package, NorthStar has been involved in some key emergency response projects. These emergency response projects include being a first responder to the Athos I oil spill in Philadelphia, PA along the Delaware River. NorthStar also completed six months of work on the Deepwater Horizon Spill in Louisiana, Florida, Mississippi and Alabama.

NorthStar Remediation Services, Inc. holds the following licenses, training and certifications:

- Solid Waste Transporter Licenses in NJ, PA,
- OSHA Hazwoper, OSHA 10-hour Construction, Incident Commander, DOT and Confined Space Entry
- USCG Basic Order Agreement (BOA)
- Gold Shovel Certified
- Transportation Worker Identification Credential (TWIC)
- NJ Licensed Site Remediation Professional
- US Department of Transportation (DOT)
- USCG Marine Transfer License
- Online Representations and Certifications Application (ORCA) Approved
- ISNetworld Member
- Avetta Member

Our management team and staff make it a priority to keep all accreditations, licenses and trainings up to date. This helps us better serve our future and existing clients.

DETAILED SERVICES DESCRIPTIONS

SITE REMEDIATION

Our remediation project philosophy is to meet our client's objective in the safest, most cost-effective manner, while utilizing equipment and experienced OSHA trained employees. We utilize resources and the latest technologies to be a turnkey provider for the following areas of service:

- Excavation, Removal and Disposal of Contaminated Soils
- Dewatering, Onsite Treatment, and Temporary Well Installation
- Backfilling and Compacting
- Mass Site Grading and Restoration
- Utility Trenching and Installation
- Utility Location with Soft Dig Techniques
- Evacuation and Removal of Former Process Piping
- Concrete Demolition
- Remediation System Installation
- Residential Heating Oil Spill Cleanups
- Test Pitting

We work closely with engineers, consultants and Licensed Site Professionals (LSP) to efficiently and cost effectively complete projects on time and within budget. NorthStar has completed site remediation projects ranging from residential heating oil spills to large industrial contaminated soil excavation, transport and disposal projects. Many of the residential heating projects that our company has conducted involve dewatering, shoring, treatment system installation, and/or moving of the structure or home. NorthStar works as a liaison between insurance companies and homeowners to minimize the impacts these remediation projects have had on our clients.

Our team has performed treatment and on-site stabilization as an alternative to soil excavation and disposal. Each remediation job is unique so we aim in separating ourselves from the other environmental firms by creating tailor-made cost-effective solutions specific to each individual site.



INDUSTRIAL

NorthStar has extensive experience with remediation of industrial sites containing metals, petroleum products and other environmentally-sensitive hazardous materials. Our company's capabilities include the decontamination of process vessels and components containing hazardous materials.

We specialize in industrial services including liquid and solid vacuum cleaning and many other industrial related services are as follows:

- Industrial / Plant Outage Work
- Oil Water Separator Cleaning and Maintenance
- Facility / Plant Closures and Decontaminations
- Underground Storage Tank Removal / Disposal
- Vessel and Barge Cleanings

Our team utilizes a wide array of equipment to conduct the services above. Our fleet of equipment includes:

- Vacuum Tank Trucks and Trailers
- Box Trucks
- Dump Trucks
- Excavating Equipment including excavators, backhoes, loaders and bobcats
- Marine Response Equipment



WASTE TRANSPORTATION & DISPOSAL

NorthStar has developed strategic alliances with several reputable waste management and recycling facilities that are capable of handling all types of hazardous and industrial wastes. We work with each customer and assist in accurately characterizing and profiling each waste stream. Our technical staff reviews each waste material profile to determine the best waste disposal and/or treatment method with the most appropriate facility. NorthStar has developed a network of recycling, storage, treatment and disposal facilities that are capable of handling the following common waste streams:

- Bulk and Containerized Hazardous and Industrial Waste
- Industrial Wastewater
- Universal Waste (Lamps, Batteries and Mercury Devices)
- Cooling Tower Sludge / Sediment
- PCB Wastes
- Waste Oils and Petroleum Liquids
- Hazardous Waste Fuels
- Spent Solvents, Paints and Flammables
- Petroleum Contaminated Soils, Debris and Pads

Waste treatment and disposal methods include:

- Incineration or Thermal Treatment
- Stabilization and/or Landfill
- Direct Landfill
- Wastewater Treatment
- Landfill Cover



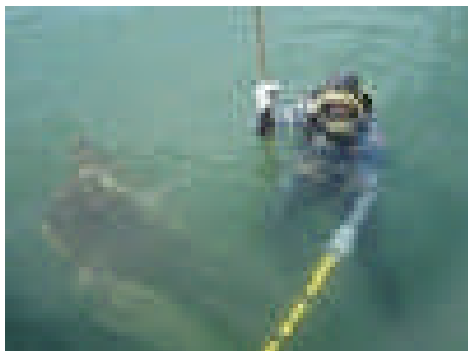
MARINE SERVICES

Our company is licensed, experienced and equipped to conduct a full array of environmental marine services throughout NJ, PA, DE. Our team has completed bilge cleanings ranging in size from private vessels to large tankers. We have long-standing relationships with many municipal marinas as well as private boat yards across the New Jersey seaboard. NorthStar prides itself in maintaining the resources and trained professionals in-house to tackle any environmental marine incident.

Our Emergency Response Marine Services Include:

- Vessel and Barge Cleaning
- Marine Transfer Services
- Vessel Booming
- Tank and Bilge Cleaning
- Hazardous Waste and Industrial Waste Transportation and Disposal
- Diver Services

Our fleet of boats, vacuum trucks and emergency response trailers enable us to maintain exclusive long-term contracts with several companies servicing large fleets of boats. We conduct all of our marine transfers and vessel cleanings under our Mobil Transfer Facility permit issued by the United States Coast Guard. We have maintained a Basic Order Agreement (BOA) with the United States Coast Guard.



EMERGENCY RESPONSE

Our team at NorthStar is prepared 24 hours a day, 7 days a week for land or marine releases to the environment. We are able to respond quickly to your emergency by maintaining properly trained personnel along with the necessary emergency response equipment. NorthStar offers a wide array of emergency response equipment including boats, booms, vacuum tank trucks, and spill trailers. Combining this equipment with our unsurpassed expertise and experience allows us to conduct efficient, safe and compliant responses to spill emergencies on land or sea.

We have maintained a Basic Order Agreement (BOA) with the United States Coast Guard. Our employees have completed marine oil spill cleanups from the Delaware River and Delaware Bay. NorthStar was a responder to the Deepwater Horizon Spill completed six months of work in Louisiana, Florida, Mississippi and Alabama.

Our Emergency Response Cleanup efforts include:

- 24-hr Emergency Spill Response for Transportation Industries including truck, auto and boat
- 24-hr Emergency Marine Spill Response
- 24-hr Emergency Industrial Spill Response
- 24-hr Emergency Response for Hazardous Material Release



RESOURCES & EQUIPMENT

TRUCK AND EQUIPMENT FLEET

- ❖ Fully equipped mobile field office
- ❖ Multiple Point Dewatering System /Pump
- ❖ Mobile Ground Water Treatment System (80 gpm)
- ❖ 3000 Gal. Mac Vacuum Truck, DOT and USCG approved
- ❖ 1900 Gal. Volvo Vacuum Truck, DOT and USCG approved
- ❖ Mack Tractor
 - 5500 Gal. Vacuum Trailer
 - 53' Talbert Lowboy; 5 Ton Trailer
 - 45' Flatbed Trailer
- ❖ (1) Tri-axle Axle Dump Truck
- ❖ (2) Fully Equipped Box Trucks
- ❖ 5 Ton Dump Trailer
- ❖ 20 Ton Equipment Trailer
- ❖ (2) Fully loaded Boom Trailers
 - 18" x 1000' Harbor Boom
 - 24" x 1000' Harbor Boom
- ❖ (5) Excavators
 - 2 Bobcat Mini (light duty)
 - Cat 310 (medium duty)
 - Kobelco LC2100 (heavy duty)
 - Kobelco MSK300 (heavy duty)
- ❖ Case 580K Backhoe
- ❖ 3 cubic yard loader
- ❖ Bobcat (with forklift, bucket and sweeper capabilities)
- ❖ 185 psi Tow Behind Air Compressor
- ❖ (2) Light Towers
- ❖ (14) Hot and Cold Power washers
- ❖ Roll-Off Containers and Truck
- ❖ AB Chance Helical Pier Equipment



Projects Description

Project: **Former MGP Site**

Location: **Atlantic City, NJ**

Duration: **3 Months**

NES installed a complete dewatering and mobile ground water treatment system (MGWTS) consisting of fractionation settling tanks, sediment filtration canisters, oil-water separator, two (2) 1,000-lb Granular Activated Carbon vessels and two (2) 2,000-lb Zeolite clay media vessels in order to dewater for remedial purposes. In accordance with the permit requirements, NES collected weekly effluent samples for the analytical parameters set forth in the permit. NES pumped and treated over 850,000-gallons of impacted water via a 6-inch pump into the frac tanks.

Subsequent to the ground water being removed from the vault, NES utilized a vactor and vacuum boxes to remove the sediment from the vault into the vacuum boxes. NES transported and disposed of the following to Clean Earth of Delaware and Kearney, NJ for thermal treatment:

- 185-tons of sediment from the vault's interior;
- 100-tons of soil from the sand bag operations.



Project: Confidential Superfund Site

Location: Northern NJ

Duration: 1 Month

NorthStar Environmental Services (NES) responded to an emergency response cleanup of a Superfund Site located in northern New Jersey that was affected by Hurricane Irene. The Site is located within a flood plain and was affected by heavy rainfall and flooding that occurred throughout most of the northeast. NES mobilized and supplied labor, equipment and material to the Site within hours of notification.

NorthStar Environmental completed the following operation:

- Provided a team of OSHA-trained technicians for drum recovery operations;
- Provided labor to excavate and containerize tar balls located in a densely vegetated area;
- Provided excavators, loaders, work boats, light towers and stands, generators, Level C & D PPE, confined space and respiratory fit-tested personnel to complete EPA driven actions; and
- Performed services 7-days a week for 4 weeks.

Project: BROS-2 Superfund Site

Location: Bridgeport, NJ

Duration: 2016 to present

Conveyance Piping

Groundwater was pumped from well PW-2 through approximately 2,470 feet of 3-inch diameter HDPE SDR-11 piping to ECB-2. The conveyance piping was connected to each well pump riser using a 1½-inch stainless-steel pitless adapter installed 36 inches below grade. A 1½-inch by 3-inch reducer was installed within two feet of the well. Segments of conveyance pipe were butt-fusion welded.



Conveyance Trench

The conveyance trench was constructed such that the invert of the 3-inch conveyance line will be set 36 inches below existing grade. Trench construction included the following:

- Excavation:
 - Width – 24 inches
 - Depth – 42 inches;
 - Six inches of sand;
 - Placement of one 3-inch diameter HDPE well force main and two 2-inch PVC conduits;
-
- Install cleanouts and pull boxes as shown on design drawings;
 - Placement of 8 inches of sand over the HDPE and PVC pipe and compact;
 - Place magnetic marking tape (6 inches wide) over sand;
 - Backfill with native soil and compact in 8- to 12-inch lifts; and
 - Reseed surface.

Soils excavated from the trench were staged adjacent to the trench, and reused in backfilling the trench. Excess trench spoils were stockpiled at a designated location on Site. Soils evidencing apparent environmental impacts were placed in a segregated stockpile for subsequent evaluation and disposition.



Conveyance piping was run from PW-2 to ECB-2. A clean-out fitting was installed at the well head and at the ECB to allow for line jetting from either direction. At the ECB, piping installed above 36 inches below grade up to the ECB entrance were heat-traced and insulated to prevent freezing.

Project: British Petroleum (BP) Deepwater Horizon Oil Spill Cleanup

Location: Gulf of Mexico

Duration: 6 Months

On April 20, 2010, the largest accidental marine oil spill in the history of the petroleum industry occurred 60 miles off the coast of Venice, Louisiana. The spill stemmed from a sea-floor oil gusher that resulted from the explosion of Deepwater Horizon, which drilled on the BP-operated Macondo Prospect. It is estimated that the spill released over 4.9 million barrels of crude oil, which affected the coastal regions and marine life along all of the states bordering the Gulf of Mexico.

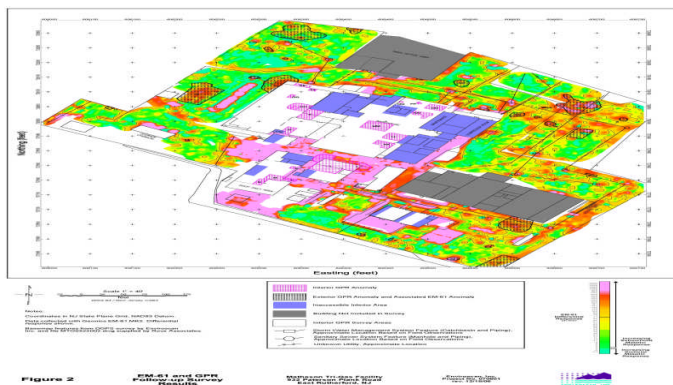
NorthStar Marine and NorthStar Environmental played a major role in the clean-up efforts. NorthStar was contracted by BP's spill provider, National Response Corporation (NRC), as one of the first responders to the spill. Within days NorthStar had crews on-site running skimmer ships, skimming oil off the surface of the Gulf and off-loading it onto barges. As the size of the spill increased, so did North star's role within the cleanup. In addition to skimming oil, NorthStar operated and managed coastal-based decon barges and designated locations where they were responsible for cleaning oil off of large and small boats before they could go to port. NorthStar had hundreds of resources on site and was in charge of half of the decon stations involved in the cleanup. They also managed crews from smaller companies involved in the cleanup. NorthStar crews worked in Louisiana, Mississippi, Alabama and Florida, and were involved in the cleanup through October of 2010.

Project: Former MGP Site/Hazardous Waste Site

Location: East Rutherford, NJ

Duration: 3 Months

The Site was operated as a specialty gas manufacturing plant starting in approximately 1932. Prior to the construction of the gas manufacturing facility, a button manufacturer and a coal and coke supplier reportedly occupied the Site. Most of the manufacturing operations were suspended at the Site in 2002. Operations from 2002 through August 2006 were comprised of transferring certain gases into cylinders and distribution of gas products. The remedial excavation activities addressed removal of chlorinated volatile organic compound (CVOC) DNAPL in two separate locations near to the northeast and southeast corners of Building 12 (to be demolished prior to excavation activities).



Sheeting and excavation of the southeastern DNAPL area is limited to a zone between 13 ft. bgs and 20 ft. bgs over an area of approximately 540 ft. The northeastern and southeastern areas of the DNAPL were excavated to depths of approximately 10 ft. bgs and 20 ft. bgs, respectively. The capping activities addressed the historic fill that is found across the Site. The new gravel cap covered all grassy, exposed soil and broken asphalt with the exception of the southwestern area adjacent to the New Jersey Transit tracks.

The following Scope of Work was implemented:

- Health and Safety;
- Establishment of Site Controls;
- Abandonment of Monitoring Wells/Retrofit Monitor Wells;
- Installation of Shoring/Sheeting;
- Excavation and Dewatering;
- Hazardous Soil Disposal and Encapsulation Disposal;
- Backfill and Compaction;
- Site Leveling and Capping; and
- Demobilization and Site Restoratio



Project: Confidential Water Utility Client

Location: Monmouth County, NJ

Duration: 18 Months

NorthStar Environmental Services (NES) responded to an unknown petroleum discharge entering into an open excavation of an infrastructure project. At the time, NES was contracted to provide consulting and contracting services to obtain an emergency permit through the NJDEP to dewater, treat and discharge groundwater collected from the infrastructure operation to a local waterway. NES was then retained to provide LSRP compliance services and to investigate the cause of the unknown source impacting soil and ground water. The spill was then determined to be migrating from a 5,000-gallon UST.

NorthStar Environmental completed the following operations in order to apply for case closure:

- Issuance of an unrestricted use RAO
- OSC Permitting to discharge treated ground water to surface water;
- Operation and maintenance of a mobile ground water treatment system (9 months);
- UST compliance and closure activities;
- Dewatering and soil disposal management of 1,500-tons of impacted soil;
- Structural sheet pile and helical pier installation of adjacent property owners and on-site structures;
- Soft dig operations around high-powered electrical vaults and lines and high-pressure water mains in the excavation area; and
- Compliance reporting under the NJDEP SRRA LSRP oversight.



Project: Motor Tanker Athos I

Location: Delaware River

Duration: 6 Months

Marine Spill

Contract Value: 4 Million Dollars

As one of the primary Contractors for Marine Operations, NorthStar Environmental Services and NorthStar Marine played a major part in the Motor Tanker Athos I oil spill. On Friday, November 26, 2004, at 9:15 P.M. the 750-foot, single hull Motor



Frink, docked at the Cape May Lewes Ferry Terminal May, NJ. This vessel is staffed and in standby mode a day, seven days a week, year-round. As a primary contractor for the Athos I spill, NorthStar supplied barges, boom, cranes, vacuum trucks, dump trucks, and trailers, personal protection equipment, absorbent products, as well as manpower. An estimated 84,020 gallons of oil and oily liquid and gallons of submerged oil were recovered. Another tons of oily solids were collected. NorthStar's crew of the 1300-person response team working to clean massive spill. Our nineteen years' experience in Environmental services and Maritime services as well

as our close relationship with the NRC made us a logical choice as a primary contractor for such a major catastrophe. Within as little as twelve hours after the spill, NorthStar had men and equipment on scene to start the cleanup process and remained on scene for six months until the decision was made, by the Department of Environmental Protection and The United States Coast Guard, determining no further cleanup efforts were necessary.



response
vessel,
Lynne
in Cape
24 hours

boats,
Tractor

18,178
7,812
was part
up the





Private Client

Commercial

Medford, Burlington County, New Jersey

Duration: 4 months

Contract Value: 2.1 million dollars



NES was contracted for emergency spill response and cleanup from a gasoline spill that occurred when 9,000-gallons of fuel were released from an over-turned fuel transportation truck traveling on Route 70 in Medford. The project was especially sensitive since the spill occurred adjacent from a day care facility in a Pinelands designated area along a high traffic area of Route 70. Standard site remediation and cleanup was performed. What made this job unique was the on site dewatering system performed through an OSC permit. NES constructed a 34 point sump system to collect free-product. The water was passed through an on site dewatering system consisting of two 21,000 gallon tanks, bag

filters and carbon units to remove contaminants. The water was tested during this project before it was discharged to a holding area to eventually be returned to the aquifer. NES treated and discharged approximately 120,000-gallons of water during the excavation and dewatering activities. Approximately 5,210-tons of impacted soil were removed, transported and disposed of at several permitted disposal facilities.





Private Client
Malaga, Gloucester County, New Jersey

Municipal
Contract Value: \$680,000.00
Duration: 12 Months



In July of 2008, NorthStar Environmental Services was contracted by a private client to respond to an emergency hydraulic oil spill remediation that occurred when a series of waste receptacle vehicles had caught fire. During this remediation NES encountered strong odors emanating from a second unrelated source suspected to be gasoline. NES first collected background soil samples for laboratory analyses to determine impacted soil levels requiring remediation based on NJDEP criteria. Soil remediation services were conducted by means of traditional soil excavation activities utilizing specialized dewatering equipment and long reach excavators to remove the soil for proper disposal at a NJDEP licensed facility. The excavation was approximately 74' long x 44' wide x 23' below ground surface (bgs). Ground water was encountered at approximately 18' (bgs), with a total of 5,080.12

tons of impacted soil removed and transported for disposal. Also during the excavation activities NSE utilized a dewatering pump, sump and manifold system to remove any residual or free-product encountered during the remedial action activities. A total of 143,340 gallons of impacted ground water were removed from the subsurface into holding tanks and vacuum trucks. The impacted ground water was transported by NES to a NJDEP approved recycling facility. After completion of excavation, soil and ground water samples were taken and submitted for analysis. After soil and water samples were found to meet NJDEP standards the site was backfilled with approximately 5,120 tons of certified clean-fill sand and 700 tons of stone.





**MGP Remediation
Poughkeepsie, NY, Hudson River
April, 2009**



Northstar Marine's Dive services were subcontracted for an environmental test study being done at a closed power plant in Poughkeepsie, NY, located on the Hudson River. When in operation the plant produced a by-product sediment consisting of NAPL (manufactured gas plant coal tar) and aromatic hydrocarbons (PAH's). This substance had accumulated in the surrounding riverbed and was being released into the water in the form of a slick. As a result, Agate Construction was contracted to lay stone-filled Geo Grid Mats in a 100'x100' test area. These mats are 32'x20' and were designed to absorb the coal tar product. Northstar provided all dive services for the project. After rough positioning was done with sonar and marker buoys on the river bottom, the diver entered the water then directed any necessary repositioning using two-way communication. The final

positioning was determined once the diver checked and measured to determine the Geo Grid Mat was within given tolerances. The divers used surface supplied air and were working in approximately 60' of water, in water temperatures between 40-55 degrees, with a visibility of approximately 6"-2' in currents averaging 1 ½- 5 knots.





Artificial Reef Project
New Jersey Coastal Waters, Atlantic Ocean
Duration: 3 Years



Northstar Marine was contracted by The New Jersey Division of Fish, Game and Wildlife to help rebuild numerous artificial reef sites located in the Atlantic Ocean off the Coast of New Jersey. The contract duration is three years. During this time Northstar will supply Tug and Barge service as well as manpower and other equipment to assist in the placing of over 500 concrete reef balls each year. These concrete reef balls will help build up already existing artificial reefs, a necessary part of the marine environment.





Private Client
Ridgefield Park, Bergen County, New Jersey

Commercial
Contract Value: \$655,000.00
Duration: 3 Months

In October 2013, Northstar Environmental Services (NES) was contracted by a private client to remediate petroleum-impacted soil and ground water at a commercial property located in Ridgefield Park, Bergen County, New Jersey. Prior to Remedial Action (RA) activities, NES designed a Site specific Health and Safety Plan (HASP). A total of five (5) Areas of Concern (AOCs) were addressed during RA activities including the following:

- AOC-2: Former Heating Oil UST: 115-tons;
- AOC-3: Former Diesel/Gasoline UST - Paving 420 sf;
- AOC-4: Elevated Tank Soil: 850-Tons;
- AOC-5: Soils: 2,400-Tons;
- AOC-6: Former Railroad Spur: 1,300-Tons





Private Client – Private Engineer
Hainesport, Burlington County, New Jersey
Duration: 1 Month

NES was contracted to install an Air Sparge (AS) and Soil Vapor Extraction (SVE) system to address residual ground water contamination. NES installed a total of 14 AS wells and 14 SVE wells. Each well location included a valved sample port to allow the Engineer to collect pressure readings at the well head using a hand held instrument. NES completed all trenching to install subsurface piping. SVE piping was 4-inch schedule 40 PVC while AS piping was 2-inch schedule 80 PVC. Any AS piping not buried underground was 2-inch schedule 40 steel. All piping transitioned to flexible piping (rated for vacuum and pressure conditions) with camlock fittings connecting to the hard stub-up piping and the NPT connection on the trailer. NES installed the AS/SVE trailer and carbon vessels in a grass area on a 6-inch layer of compacted DGA stone surrounded by privacy fencing.





CLIENT REFERENCES-AVAILABLE UPON REQUEST

Employee Resumes – AVAILABLE UPON REQUEST