

RESOLUTION: 201 -13

**RESOLUTION AUTHORIZING AGREEMENT FOR CERTAIN
PROFESSIONAL SERVICES ADOPTED BY THE BOROUGH OF
CLAYTON**

WHEREAS, there exists a need for specialized services on behalf of the Borough of Clayton; and

WHEREAS, funds are or will be available for this purpose; and

WHEREAS, the Local Public Contracts Law, N.J.S.A. 40A:11-1 requires that notice with respect to contracts for Professional Services awarded without competitive bids must be publicly advertised.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Council of the Borough of Clayton, County of Gloucester, and State of New Jersey as follows:

1. That T & M Associates, of Moorestown, New Jersey is hereby hired to provide Licensed Site Remediation Professional (LSRP) services for the remediation of the Chestnut Street Water Tower site, for the Borough of Clayton, in an amount not to exceed \$14,805.00.
2. The term of this contract shall be from November 14, 2013 to November 13, 2014.
3. The Contract is awarded without competitive bidding as a "Professional Service" in accordance with the Local Public Contracts Law, N.J.S.A. 40A:11-11-5(1)(a), and the Fair and Open Process because it is for services performed by persons authorized by law to practice a recognized profession.
4. A copy of this resolution as well as the Contract shall be placed on file with the Clerk of the Borough of Clayton.
5. A notice in accordance with the Local Public Contracts Law of New Jersey shall be published in The Sentinel or South Jersey Times.
6. The Mayor and Clerk of the Borough of Clayton are hereby authorized to execute a Contract outlining the above on behalf of the Borough of Clayton.

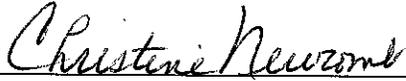
ADOPTED at a meeting of the Mayor and Council of the Borough of Clayton, County of Gloucester, and State of New Jersey on November 14, 2013.

BOROUGH OF CLAYTON



THOMAS BIANCO, Mayor

Attest:



CHRISTINE NEWCOMB, Borough Clerk

CERTIFICATE OF AVAILABILITY OF FUNDS

From: Donna Nestore, Chief Financial Officer, Borough of Clayton

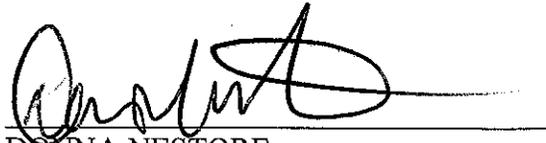
To: Mayor and Council, Borough of Clayton

Re: T&M Associates – LSRP – Monitoring Well Sampling – 39 E. Chestnut Street

AMOUNT OF CONTRACT: \$14,805.00

Any expenditures required for the above referred contract are properly chargeable to Bond Ordinance 9-2013.

I hereby certify that, as of this date, adequate funds have been appropriated in said line and are available to satisfy the expenditure required for the above referenced contract.



DONNA NESTORE
Chief Financial Officer
Borough of Clayton

Dated: November 14, 2013

CLAY00010

May 22, 2013

Ms. Susan Miller, Administrator
Borough of Clayton
125 N. Delsea Drive
Clayton, New Jersey 08312

**Re: Proposal for Remedial Investigation at Clayton Water Department Yard and
Licensed Site Remediation Professional Services**

Dear Ms. Miller:

T&M Associates is pleased to submit this proposal to conduct a remedial investigation to address ground water contamination associated with underground storage tanks (UST) removed in 1993 at the Borough Water Department yard at 39 E. Chestnut St.

Background

Three (3) USTs containing unleaded gasoline were closed and removed at the Clayton Water Department yard at 39 E. Chestnut Street in 1993. While initial investigations showed ground water contamination at one of the tank locations at the time of the removal, no further activity occurred. In 2013, the NJDEP directed the Borough to resume the investigation under the direction of a Licensed Site Remediation Professional (LSRP).

Ground water samples collected April 4, 2013 from two shallow monitoring wells on site showed ground water contamination from gasoline constituents (Benzene, Xylene, Tentatively Identified Compounds (TICs)) and one chlorinated solvent (perchloroethene (PCE)) at concentrations above Class IIA Ground Water Quality Criteria. As the Responsible Party, the Borough must determine the extent of contamination, mitigate any impacts to receptors, and remediate the contamination. T&M proposes to provide the following Scope of Services to address these obligations.

Task-1 Soil and Ground Water Investigation

T&M will mobilize a Geoprobe track mounted drilling rig to perform soil cores and install additional monitoring wells to determine the extent of soil and ground water contamination. Soil cores will be collected in the vicinity of the former USTs and screened with a photoionization detector (PID) for evidence of contamination. Up to 8 samples will be collected to delineate the extent of soil contamination. In addition, three (3) monitoring wells will be installed into the water table. Wells will be fitted with flush mount covers and locking caps. Wells will be located by field survey with respect to horizontal and vertical datum to allow determination of ground water flow direction.



*Susan Miller, Administrator
Borough of Clayton*

Re: Proposal for Remedial Investigation and LSRP Services

Two rounds of samples will be collected from the wells at least 30 days apart and analyzed for Target Compound List (TCL) volatile organic compounds with library search (VO+10).

Ground water flow velocity will be determined by performing limited aquifer testing (slug tests), wherein a known volume (slug) is introduced into the well to provide an instantaneous water level rise. The rate at which the water level returns to its original level is monitored and used to calculate aquifer permeability, and from that, ground water flow velocity. Flow velocity is a critical component in determining the fate and transport of contamination.

Task-2 Receptor Evaluation

Sensitive receptors (e.g. residences, schools, ecological resources) within 200' of the site must be identified and mapped. Detection of ground water contamination also requires that a well inventory be performed. NJDEP, County, and local records will be reviewed within NJDEP specified search distances to determine whether any potable well users may be impacted by the ground water contamination. If potable wells are identified during the search, a well canvass will be performed. The well canvass entails contacting property owners with 500 feet of the contamination to determine whether there are potable wells in use.

Task-3 Reporting, LSRP Management

Assuming no additional delineation is necessary, T&M will prepare a Remedial Investigation Report. If contamination requiring further investigation or remediation is required, T&M will prepare a scope of work for the required additional effort.

Schedule

We anticipate that installation of wells, two rounds of sample collection, and preparation of reports will require 90 to 120 days.

Estimate of Probable Costs

T&M estimates its fee for the above scope of services to be \$40,805.00, in accordance with the attached Cost Estimate. Direct expenses such as certified mailings will be billed to the Borough at cost.



Susan Miller, Administrator
Borough of Clayton

Re: Proposal for Remedial Investigation and LSRP Services

NJDEP fees are not included in our cost estimate. Based on information collected to date, annual remediation fees will be \$1,850 per year until a Response Action Outcome is issued.

Limitations

This scope provides for probable costs and basic services associated with the remedial investigation and receptor evaluation. It does not include vapor intrusion investigation or Immediate Environmental Concern (IEC) contingencies, such as potable well sampling and mitigation. We will advise the Borough if these activities become necessary.

Drilling Services Limitations:

1. All drilling locations will be readily accessible to a track mounted geoprobe direct push drill rig.
2. Drilling is to be performed in soils by Direct Push or Hollow Stem Auger (HSA) drilling methods. False starts due to encountering rubble/debris or obstructions or voids shall be charged in accordance with indicated drilling rates.
3. All drilling and sampling may be performed at no higher level of personnel safety than Level D. If Level C needs to be incorporated, a charge of \$75.00 per crew hour will be assessed.
4. T&M assumes a source of potable water is available at the jobsite. We have not addressed any costs associated with obtaining water from the local water company or M.U.A.
5. No loss of productivity due to delays caused by others. Standby time will be assessed in accordance with indicated drilling rates.
6. Investigative derived wastes (IDW), (drill cuttings and fluids) will be discharged or stockpiled at each drilling location, unless otherwise specified. Should IDW need to be relocated on-site, the removal of such will be charged @ \$250.00 per hour. Additionally, if 55-gallon drums are required to contain IDW, T&M will supply the drums and labor to fill each drum @ \$60.00 per drum.
7. Clayton Borough will be responsible for ensuring that drilling will not encounter buried private utilities and piping. T&M's drilling contractor will contact New Jersey One Call System for public utility markouts.



Susan Miller, Administrator
Borough of Clayton

Re: Proposal for Remedial Investigation and LSRP Services

8. Estimated costs are based on labor rates and costs of materials in effect for a period of 90 days from the date of this proposal.

If you should have any questions or require additional information, please do not hesitate to contact our office. We are available to meet with you at your convenience should you wish to discuss our proposal.

Very truly yours,
T&M ASSOCIATES

A handwritten signature in black ink, appearing to read 'William Matulewicz', written over a circular stamp.

William Matulewicz, LSRP
Hydrogeologist

A handwritten signature in black ink, appearing to read 'Edwin J. Steck', written in a cursive style.

Edwin J. Steck, P.E.
Sr. Vice President

Enclosure

WHM:whm



Cost Estimate
Remedial Investigation
Clayton Water Yard
39 E. Chestnut Street

		Rate	Units	Events	Amount
Task 1 Soil and Ground Water Investigation					
Soil Borings, Well Installation					
Observation\GIS	Env. Sci.	\$6,360.00	1	1	\$6,390.00
LSRP PM	LSRP	\$123.00	20	1	\$2,460.00
Photoionization Detector		\$155.00	8	1	\$1,725.00
Laboratory Analytical		\$92.00	1	1	\$92.00
	VO+10 Water	\$120.75	7	2	\$1,690.50
	VO+10 Soil	\$120.75	10	1	\$1,207.50
Sampling					
Observation	Env. Sci.	\$1,225.00	1	2	\$2,450.00
Field Survey, Well Certifications	Survey Crew	\$123.00	8	2	\$1,968.00
Slug Testing	Env. Sci.	\$2,200.00	1	1	\$2,200.00
		\$123.00	12	1	\$1,476.00
Task 2 Receptor Evaluation					
Receptor Evaluation\Well Inventory	Env. Sci.	\$123.00	32	1	\$3,936.00
Task 3 Remedial Investigation Report					
LSRP PM, Administration	LSRP	\$155.00	32	1	\$4,960.00
Report Prep	LSRP\Hydrogeologist	\$155.00	20	1	\$3,100.00
	Env. Sci.	\$123.00	40	1	\$4,920.00
	Drafting	\$123.00	10	1	\$1,230.00
Expenses				1	\$1,000.00
Total					\$40,805.00