

TOWN OF GLASTONBURY

INVITATION TO BID

| <u>BID #</u> | <u>ITEM</u> | <u>DATE AND TIME RECEIVED</u> |
|-------------------|--|----------------------------------|
| GL-2010-04 | GROUND WATER MONITORING/ ANALYSIS | May 27, 2009 @ 11:00 A.M. |

Bid Forms may be obtained at the Office of the Purchasing Agent, Town Hall, 2155 Main Street, Glastonbury, Connecticut 06033 (second level).

The Town reserves the right to waive informalities or reject any part of, or the entire Bid, when said action is deemed to be in the best interest of the Town. All Sealed Bids must be submitted to the Office of the Purchasing Agent no later than the time and date indicated. All Bids will be publicly opened and read.

Mary F. Visone
Purchasing Agent

**GROUND WATER MONITORING/ANALYSIS
INFORMATION FOR BIDDERS**

**BID #GL-2010-04
IB-2**

1. Sealed bids (**one original and one copy**) on the attached Bid Forms will be received at the Office of the Purchasing Agent, Town Hall, 2155 Main Street, Glastonbury, Connecticut 06033 (second level). At the designated time of opening, they will be publicly opened, read, recorded and placed on file.
2. Whenever it is deemed to be in the best interest of the Town, the Town Manager, Purchasing Agent or designated representative shall waive informalities in any and all bids. The right is reserved to reject any bid, or any part of any bid, when such action is deemed to be in the best interest of the Town of Glastonbury.
3. The award will be on the basis of bid total cost unless otherwise specified.
4. Bids will be carefully evaluated as to conformance with stated specifications.
5. **The envelope enclosing your bid should be clearly marked by bid number, time of bid opening and date.**
6. Specifications must be submitted complete in every detail, and when requested, samples shall be provided. If a bid involves any exception from stated specifications, they must be clearly noted as exceptions, underlined, and attached to the bid.
7. The Bid Documents contain the provisions required for the requested item. Information obtained from an officer, agent, or employee of the Town or any other person shall not affect the risks or obligations assumed by the Bidder or relieve him/her from fulfilling any of the conditions of the Bid.
8. Each bidder is held responsible for the examination and/or to have acquainted themselves with any conditions at the job site which would affect their work before submitting a bid. Failure to meet this criteria shall not relieve the Bidder of the responsibility of completing the Bid without extra cost to the Town of Glastonbury.
9. Any bid may be withdrawn prior to the above scheduled time for the opening of bids or authorized postponement thereof. Any bid received after the time and date specified shall not be considered. No bidder may withdraw a bid within sixty (60) days after the actual date of the opening thereof. Should there be reasons why a Bid cannot be awarded within the specified period, the time may be extended by mutual agreement between the Town and the bidder.
10. **THIS ITEM WAIVED:** Each bid must be accompanied by a bid bond payable to the Town for ten percent (10%) of the total amount of the bid. The bid bond of the successful bidder will be retained until the payment bond and performance bond have been executed and approved, after which it will be returned. A certified check may be used in lieu of a bid bond. The Town of Glastonbury will not be liable for the accrual of any interest on any certified check submitted. Cashier's checks will not be accepted.

**GROUND WATER MONITORING/ANALYSIS
INFORMATION FOR BIDDERS**

**BID#GL-2010-04
IB-3**

11. **THIS ITEM WAIVED:**A 100% Performance and Payment bonds are required of the successful bidder. This bond shall cover all aspects of the specification and shall be delivered to the Purchasing Agent prior to the issuance of a purchase order. The Performance and Payment Bonds will be returned upon the delivery and acceptance of the bid items.

12. The bidder agrees and warrants that in the submission of this sealed bid, they will not discriminate or permit discrimination against any person or group of persons on the grounds of race, color, religion, national origin, sex, or physical disability including, but not limited to blindness, unless it is shown by such bidder that such disability prevents performance of that which must be done to successfully fulfill the terms of this sealed bid or in any manner which is prohibited by the laws of the United States or the State of Connecticut: and further agrees to provide the Human Relations Commission with such information requested by the Commission concerning the employment practices and procedures of the bidder. An Affirmative Action Statement will be required by the successful bidder.

13. Bidder agrees to comply with all of the latest Federal and State Safety Standards and Regulations and certifies that all work required in this bid will conform to and comply with said standards and regulations. Bidder further agrees to indemnify and hold harmless the Town for all damages assessed against the Town as a result of Bidder's failure to comply with said standards and/or regulations.

14. All correspondence regarding any purchase made by the Town of Glastonbury shall reference the Town's purchase order number. Each shipping container shall clearly indicate both Town purchase order number and item number.

15. Bidder is required to review the Town of Glastonbury Code of Ethics adopted July 8th, 2003 and effective August 1, 2003. Bidder shall acknowledge that they have reviewed the document in the area provided on the bid / proposal response page (BP). The selected Bidder will also be required to complete and sign an Acknowledgement Form prior to award. The Code of Ethics and the Consultant Acknowledgement Form can be accessed at the Town of Glastonbury website at www.glastonbury-ct.gov. Upon entering the website click on **Bids & RFPs**, which will bring you to the links for the Code of Ethics and the Consultant Acknowledgement Form. If the Bidder does not have access to the internet a copy of these documents can be obtained through the Purchasing Department at the address listed within this bid / proposal.

16. **Non Resident Contractors (IF APPLICABLE)**
The Town is required to report names of nonresident (out of state) Contractors to the State of Connecticut, Department of Revenue Services (DRS) to ensure that Employment Taxes and other applicable taxes are being paid by Contractors. **Upon award, all nonresident contractors must furnish a five percent (5%) sales tax guarantee bond (state form AU-766), or a cash bond for 5% of the total contract price (state form AU-72) to DRS even though this project is exempt from most sales and use taxes.**

**GROUND WATER MONITORING/ANALYSIS
INFORMATION FOR BIDDERS**

**BID#GL-
IB-4**

See State Notice to Nonresident Contractors SN 2005(12). If the above bond is not provided the Town is required to withhold 5% from Contractor's payments and forward it to the State DRS.

Contractor must promptly furnish to the Town a copy of the **Certificate of Compliance** issued by the State DRS.

17. Bidder shall include on a sheet(s) attached to its proposal a complete disclosure of all past and pending mediation, arbitration and litigation cases that the bidder or its principals (regardless of their place of employment) have been involved in for the most recent five years. Please include a statement of the issues in dispute and their resolution. Acceptability of Bidder based upon this disclosure shall lie solely with the Town.
18. Bidder or its principals, regardless of their place of employment, shall not have been convicted of, nor entered any plea of guilty, or nolo contendere, or otherwise have been found civilly liable or criminally responsible for any criminal offense or civil action. Bidder shall not be in violation of any State or local ethics standards or other offenses arising out of the submission of bids or proposals, or performance of work on public works projects or contracts.

IMPORTANT: Failure to comply with general rules may result in disqualification of the bidder.

**GROUND WATER MONITORING/ANALYSIS
DETAILED SPECIFICATIONS**

**BID#GL-2010-04
DS-1**

1.0 GENERAL

- 1.1 The Town of Glastonbury, Sanitation Department/Refuse Disposal Division is seeking bids to provide Groundwater Monitoring, collection/sampling, and testing programs at the Town Bulky Waste Facility, Tryon St., South Glastonbury and the closed Sanitary Landfill area, on New London Turnpike.
- 1.2 Technical questions and site visits shall be directed to or arranged by Michael J. Bisi, Superintendent of Sanitation at 860-652-7774. Questions regarding administrative procedures shall be directed to Mary F. Visone, Purchasing Agent at 860-652-7588.
- 1.3 It is the intent of the Town to contract with a Bidder to provide complete sampling program collection, lab analysis, and data submission all within strict accordance with the State of Connecticut, Department of Environmental Protection (DEP) requirements.
- 1.4 Bidders are required to use a low flow (minimum draw down) method for sample collection.
- 1.5 All samples shall be obtained in conformance with the Department of Environmental Protection (DEP) requirements regarding pumping to obtain water, measurement of water table, use of proper containers, field preservation and field filtration.
- 1.6 All Samples shall be analyzed by a State of Connecticut certified approved laboratory.
- 1.7 All results shall be sent in duplicate to the Superintendent of Sanitation. The Town shall be responsible for submitting completed reports to the State Department of Environmental Protection.
- 1.8 This agreement shall normally be for a period of one (1) year, from July 1, 2009 through June 30, 2010. Optional extension for additional two (2) years will be evaluated. Bidders shall indicate the option on the bid Proposal form.
- 1.9 Although these Specifications outline specific sampling schedules and programs as required by the DEP at this time, these requirements may change. Any required changes shall be reviewed by the Town with the contractor at such time.
- 1.10 All results shall be reported according to the following schedule:

| <u>Sampled</u> | <u>Report By</u> |
|----------------|------------------|
| January | March 1 |
| April | June 1 |
| July | September 1 |
| October | December 1 |

**GROUND WATER MONITORING/ANALYSIS
DETAILED SPECIFICATIONS**

**BID#GL-2010-04
DS-2**

- 1.11 Monitoring program shall include measurements of ground water elevations at all monitor wells. A water table contour map shall accompany each quarterly report.

2.0 SCOPE OF SERVICES – BULKY WASTE FACILITY

- 2.1 A total of nine (9) monitor wells and one (1) potable water well shall be tested. Table one (1) attached, provides details of construction of the wells and locations. Bulky Waste Site Plan – Monitor Wells provides a detail of locations. NOTE: Samples from potable well shall be taken from non filtered source at outdoor spigot.
- 2.2 Monitoring program parameters and sampling requirements are outlined in Table 2.

3.0 SCOPE OF SERVICES – TRANSFER STATION (CLOSED SANITARY LANDFILL)

- 3.1 A total of two (2) monitor wells and two (2) surface water locations are to be monitored.

Monitor Wells -#232 and #233, located along roadway to closed landfill area.
Surface Water – Roaring Brook at New London Tnpk crossing and Coldbrook Road crossing.
- 3.2 Monitoring program parameters and sampling requirements are outlined in Table 2.

4.0 DATA REPORTING

- 4.1 Bidder shall provide, with the last quarterly report submitted in June each year for both Transfer Station and Bulky Waste Facility, an annual summary to evaluate long term trends. This evaluation based on the compilation of data collected during the year, graphs, trends into groundwater quality, assessment of the nature and extent of the plume (if any exists), and evaluation of the monitoring program.
- 4.2 In addition to the written reports provided, Bidders shall provide one (1) CD rom version of all reports required for this bid.

5.0 BIDDER QUALIFICATIONS

- 5.1 Bidder shall submit a list of at least six (6) references of similar scope of services provided. References shall be current within the last five (5) years.
- 5.2 Bidders shall have been performing this type of service for a minimum of four (4) years.
- 5.3 Pricing shall be for complete service to include mileage, insurance, sample collection and analysis.

6.0 PAYMENTS

6.1 Payment shall be made within 30 calendar days after successful completion and submission of quarterly test results and reports as required. Written invoice shall be submitted to the Town of Glastonbury, Sanitation Department/Refuse Disposal Division, 2149 Main Street, Glastonbury, CT 06033, Attention Michael J. Bisi, Superintendent of Sanitation.

7.0 INSURANCE

7.1 The Bidder shall, at its own expense and cost, obtain and keep in force during the entire duration of the Project or Work the following insurance coverage covering the Bidder and all of its agents, employees and sub-contractors and other providers of services and shall name the **Town its employees and agents as an Additional Insured** on a primary and non-contributory basis to the Bidders Commercial General Liability and Automobile Liability policies. **These requirements shall be clearly stated in the remarks section on the Bidders Certificate of Insurance.** Insurance shall be written with Carriers approved in the State of Connecticut and with a minimum Best's Rating of A-. In addition, all Carriers are subject to approval by the Town. Minimum Limits and requirements are stated below:

1) Worker's Compensation Insurance:

- Statutory Coverage
- Employer's Liability
- \$100,000 each accident/\$500,000 disease-policy limit/\$100,000 disease each employee

2) Commercial General Liability:

- Including Premises & Operations, Products and Completed Operations, Personal and Advertising Injury, Contractual Liability and Independent Contractors.
- Limits of Liability for Bodily Injury and Property Damage
Each Occurrence \$1,000,000
Aggregate \$2,000,000 (The Aggregate Limit shall apply separately to each job.)
- A Waiver of Subrogation shall be provided

3) Automobile Insurance:

- Including all owned, hired, borrowed and non-owned vehicles
- Limit of Liability for Bodily Injury and Property Damage:
Per Accident \$1,000,000

7.2 The Bidder shall direct its Insurer to provide a Certificate of Insurance to the Town before any work is performed. The Certificate shall specify that the Town shall receive 30 days advance written notice of cancellation or non-renewal. The Certificate shall evidence all required coverage including the Additional Insured and Waiver of Subrogation. The Bidder shall provide the Town copies of any such policies upon request.

- 7.3 **INDEMNIFICATION** - To the fullest extent permitted by law, the Bidder shall indemnify and hold harmless the Town and the Board of Education and its consultants, agents, and employees from and against all claims, damages, losses and expenses, direct, indirect or consequential (including but not limited to fees and charges of engineers, attorneys and other professionals and court and arbitration costs) arising out of or resulting from the performance of the Bidder's work, provided that such claim, damage, loss or expense is caused in whole or in part by any negligent act or omission by the Bidder, or breach of its obligations herein or by any person or organization directly or indirectly employed or engaged by the Bidder to perform or furnish either of the services, or anyone for whose acts the Bidder may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder.

**GROUND WATER MONITORING/ANALYSIS
BID PROPOSAL**

BID GL-2010-04

Proposal of _____ (hereinafter called
“Respondent”), organized and existing under the laws of the State of _____
doing business as _____
_____.

To the Town of Glastonbury (hereinafter called “Town”).

In compliance with your Invitation to Bid, the Respondent hereby proposes to furnish materials
and/or services as per Bid Number GL-2010-04 in strict accordance with the Bid
documents within the time set forth therein, and at the prices stated below.

By submission of this bid, the Respondent certifies, and in the case of a joint bid each party
thereto certifies as to their own organization that this bid has been arrived at independently
without consultation, communication, or agreement as to any matter relating to this bid
with any other Respondent or with any competitor.

The Respondent acknowledges receipt of the following:

Addendum #1 _____

Addendum #2 _____

Addendum #3 _____



**THIS FORM AND THE
REQUIRED BID/PROPOSAL
MUST BE RETURNED**

**TOWN OF
GLASTONBURY
BID / PROPOSAL
DATE ADVERTISED**

5/13/09

**GL # or RPGL #
DATE / TIME DUE**

**2010-04
5/27/09 @ 11:00
a.m.**

NAME OF PROJECT Ground Water Monitoring/Analysis

| | |
|--|------------------|
| | Total Amount |
| A. Transfer Station Monitoring Program | \$ _____ LS/Year |
| B. Bulky Waste Monitoring Program | \$ _____ LS/Year |
| C. Annual Summary | \$ _____ LS |
| | Total Cost |
| | \$ _____ |

Bidder agrees to extend bid prices one additional year YES NO.

Bidder agrees to extend bid prices two additional years YES NO.

It is the responsibility of the Respondent to clearly mark the outside of the bid envelope with the Bid Number, Date and Time of Bid Opening.

CODE OF ETHICS:

I / We have reviewed a copy of the Town of Glastonbury's Code of Ethics and agree to submit a Consultant Acknowledgement Form if I / We are selected. Yes _____ No _____ *

***Bidder is advised that effective August 1, 2003, the Town of Glastonbury cannot consider any bid or proposal where the bidder has not agreed to the above statement.**

Type or Print Name of Individual

Signature of Individual

Title

Date

E:mail Address

Doing Business as (Trade Name)

Street Address

City, State, Zip Code

Telephone Number / Fax Number

SS # or TIN#

(Seal – If bid is by a Corporation)

Attest

Table 1

Well Construction Details
Hydrogeologic Investigation
Tryon Street Bulky Waste Landfill
Glastonbury, Ct

May 2009

| Well | TOC Elevation (ft-MSL) | TPS Elevation (ft-MSL) | Ground Elevation (ft-MSL) | Total Depth (feet) | Screen Length (feet) | Well Diameter (inches) | Date of Installation | Location |
|-----------|------------------------|------------------------|---------------------------|--------------------|----------------------|------------------------|----------------------|---|
| MW-99-1 | 42.78 | 43.03 | 40.3 | 90.0 | 5 | 2 | 6/3/1999 | Southern most down gradient |
| MW-99-3 | 27.86 | 27.96 | 25.9 | 28.0 | 10 | 2 | 6/3/1999 | South of MW-99-1 down gradient |
| MW-99-4 | 20.28 | 20.48 | 18.2 | 27.0 | 10 | 2 | 6/3/1999 | South of MW-99-3 down gradient |
| MW-99-5 | 39.67 | 39.91 | 37.6 | 52.0 | 10 | 2 | 6/3/1999 | Northern most down gradient |
| MW-01-1 | - | - | - | 120.0 | - | 2 | 6/12/2001 | South side of roadway West of Potable well |
| MW-03-1 | - | - | - | 125.0 | 10 | 2 | 6/13/2003 | Northwest side of roadway at entrance. |
| MW-School | - | - | - | 109.0 | - | 2 | 2007 | School Parking Lot (South) |
| GLF-3 | 47.85 | 47.92 | 15.6 | 46.8 | ? | 2 | 1975 | Northern property line West of Landfill |
| GLF-4 | 43.14 | 43.61 | 41.0 | 49.4 | ? | 2 | 1975 | Immediate down gradient West of Landfill |
| GLF-TAP | | | | 170.0 | 17 | 6 | 1/12/1981 | Potable water 300' Non filtered West of Landfill-outside spigot |

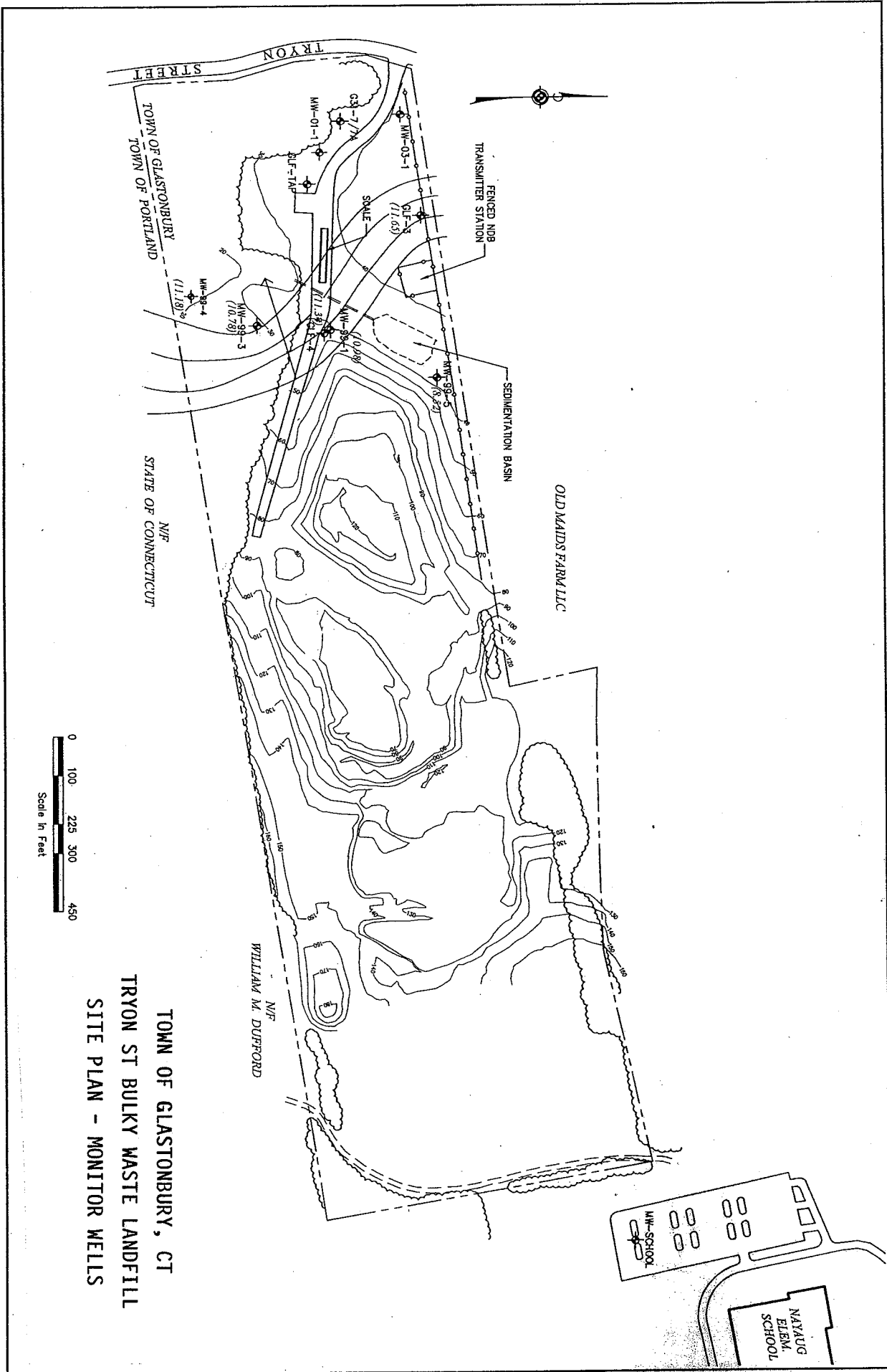
Note: Elevations referenced to mean sea level.

Elevations established by a survey conducted by the town of Glastonbury on August 12, 1999.

TOC: Top of PVC Casing
TPS: Top of Protective Steel Casing
ft-MSL Feet above Mean Sea Level

Table 2
Monitoring Program

| Analysis | Closed Sanitary Landfill | Bulky Waste Facility | Frequency |
|---|--------------------------|----------------------|--------------|
| Alkalinity | X | X | Quarterly |
| Ammonia - N | X | X | Quarterly |
| Biochemical Oxygen Demand (5 day) | X | X | Quarterly |
| Bromodichloromethane | | X | Quarterly |
| Cadmium | X | X | Quarterly |
| Chemical Oxygen Demand | X | X | Quarterly |
| Chloride | X | X | Quarterly |
| Chloroform | | X | Quarterly |
| Copper | X | X | Quarterly |
| Depth to Water Measurement (All Wells) | X | X | Quarterly |
| Ethyl benzene | | X | Quarterly |
| Hardness (Total) | X | X | Quarterly |
| Iron (Dissolved) | X | X | Quarterly |
| Lead | X | X | Quarterly |
| Lead (Dissolved) | X | X | Quarterly |
| Manganese (Dissolved) | X | X | Quarterly |
| Nitrate - N | X | X | Quarterly |
| Nitrite - N | X | X | Quarterly |
| P & M - Xylene | | X | Quarterly |
| PH | X | X | Quarterly |
| Potassium | X | X | Quarterly |
| Sodium (Dissolved) | | X | Quarterly |
| Specific Conductance | X | X | 1/year April |
| Sulfate | X | X | Quarterly |
| Total Dissolved Solids | X | X | Quarterly |
| Total Petroleum Hydrocarbon | X | X | Quarterly |
| Total Suspended solids | X | X | Quarterly |
| Volatile Organic Compounds (EPA Method (8260) | X | X | 1/year April |
| Water Table Contour Map | X | X | 1/year April |
| Zinc (ZN) | X | X | Quarterly |



TOWN OF GLASTONBURY, CT
TRYON ST BULKY WASTE LANDFILL
SITE PLAN - MONITOR WELLS