

## B. MONITORING WELLS

Each monitoring well is plainly marked in the field with a sign giving its number and the mean sea level elevation of the top of the casing. Each well shall be purged, and the sample taken using the appropriate sampling pumps and equipment based on the requirements of FDEP SOP's. The CONTRACTOR must supply its own equipment for collecting samples. Only 4-wheel drive vehicles will be allowed access to all sampling locations. Two-wheel drive field vehicles will not be allowed into the sampling sites.

## C. TESTING AND REPORTING

1. The field-testing, sample collection and preservation, and laboratory testing, including quality control procedures, shall be in accordance with Chapter 62-160 FAC. Approved methods, as published by the Department or as published in Standard Methods, ASTM, or EPA Methods, shall be used in accordance with Chapter 62-701.510(2)(b), FAC.
2. The organization collecting samples must use the Field and Laboratory Standard Operating Procedures (DEP-SOP-001/01) referenced in Chapter 62-160, FAC.
3. The laboratory designated to conduct the chemical analyses must be certified by the Florida Department of Health Environmental Laboratory Certification Program (DOH ELCP) for the test methods and analytes that are being reported in accordance with Chapters 62-160.210(1), 62-160.300(1), and 62-701.510(2)(b), FAC, and FDEP SOP FS-1008. The laboratory conducting the analyses must use analytical methods capable of achieving detection limits at or below the Groundwater Cleanup Target Levels (GCTLs) or the Freshwater Surface Water Cleanup Target Levels (SWCTLs) in Table I, Chapter 62-777, FAC (except for those parameters listed in Table C of the "FDEP Guidance for the Selection of Analytical Methods and for the Evaluation of Practical Quantitation Limits dated 10/12/2004").
4. All laboratory and field reports shall be submitted to the COUNTY Solid Waste Department and/or their contracted consultant no later than twenty-five (25) calendar days after the sampling. All analytical reports shall show the day and time the sample was taken, the day and time the sample was received at the laboratory, and the day and time of analysis for each parameter and/or parameter group. The analytical results shall be submitted to the COUNTY in accordance with the FDEP's electronic reporting requirements using the ADaPT software (Chapter 62-701.510(8)(a), FAC). All analyses shall be submitted in duplicate to the **Office Manager Solid Waste Accounting Manager** at 12770 Arbuckle Creek Road, Sebring, Florida 33870.
5. Water-quality sampling results, ADaPT EDDs, and ADaPT regulatory comparison reports must be provided to the COUNTY and the COUNTY's contracted consultant no later than twenty-five (25) days following the sampling date so that a summary of exceedances and compliance monitoring reports can be prepared. In addition, the CONTRACTOR will deliver to the COUNTY and the COUNTY's contracted consultant the data for the samples and tests performed in a comma delimited text or Microsoft Excel spreadsheet format.
6. Within three (3) days after each sample is taken, the CONTRACTOR will deliver to the COUNTY and the COUNTY's contracted consultant all water-level data collected for each sample so that ground water contour maps, water levels, water elevation tables, and ground water monitoring report certifications can be prepared for the reports to FDEP.
7. Within twenty-five (25) days after each sample is taken, the CONTRACTOR will deliver to the COUNTY all chain of custody forms and all field sampling information on FDEP Form FD

[Analysis 6 – Well and Water System Bacteriological Sampling \(Annual in March\)](#)

The Arbuckle Creek Landfill water system must be sampled at the raw well, break room sink and office sink in March every year for the following parameters:

LABORATORY PARAMETERS

Total Coliform  
E. Coli

**G. SITE 2: HIGHLANDS COUNTY SOLID WASTE MANAGEMENT CENTER  
CONSTRUCTION AND DEMOLITION WASTE LANDFILL**

Monitoring well MW-1 is established as the background well. Monitoring wells MW-26 and MW-27 are designated as downgradient detection wells to monitor the zone of discharge.

[Analysis 6 Analysis 7- Monitoring Wells \(Semi-Annual\)](#)

Ground water monitoring wells MW-1, MW-26, and MW-27 shall be routinely sampled semi-annually in March and September of every year and analyzed for the following parameters:

**FIELD PARAMETERS**

pH	Turbidity
Temperature	Colors and Sheens (by observation)
Specific conductivity	Dissolved Oxygen Static Water Level in
Wells Prior to Purging	

**LABORATORY PARAMETERS**

Aluminum	Cadmium
Chloride	Chromium
Nitrate-Nitrogen	Lead
Sulfate	Mercury
Total Dissolved Solids (TDS)	Total Ammonia -N
Iron	Xylenes
Sodium	Arsenic

Those parameters listed in EPA Methods 601 and 602

**H. SITE 3: DESOTO CITY CLASS I LANDFILL (CLOSED)**

Monitoring wells MW-10S and MW-12S are established as the background wells. Monitoring wells MW-6SR, MW-9S, MW-11S, MW-13S, MW-14S, and MW-15S are designated as compliance wells

[Analysis 7 Analysis 8 - Monitoring Wells \(Semi-Annual\)](#)

All ground water monitoring wells shall be sampled semi-annually in March and September of every year and analyzed for the parameters listed in 62-701.510(7)(a) FAC as required by Permit Specific Conditions 3(a) and 3(b):

**FIELD PARAMETERS**

pH	Dissolved Oxygen
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The pricing provided shall be all inclusive of travel, labor and materials and incidentals necessary to provide the services described herein. (No additional trip, service, or mileage charges)

This Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; Bidder has not solicited or induced any person, firm or corporation to refrain from bidding; and Bidder has not sought by collusion to obtain for itself any advantage over any other Bidder or over the County. The signature below, by an authorized representative, affirms they have read and understand the solicitation requirements.

Bidder is familiar with and is satisfied as to all Laws and Regulations that may affect cost, progress, performance, and furnishing of the Work.

**PRICING:**

The undersigned does hereby declare that the undersigned has examined the project site and the complete specifications of this ITB entitled "Soil Removal" "Water Sampling for Solid Waste" and agrees to supply all equipment, labor and insurances to complete the work required in accordance with the complete specifications.

ITEM NO.	ITEM DESCRIPTION	Analyses/Yr Grab Sample/Yr	UNIT	UNIT COST	EXTENDED PRICE (Unit * Qty)
<b>GENERAL</b>					
1	ANALYSIS #1	2	EA	\$	\$
2	ANALYSIS #2	2	EA	\$	\$
3	ANALYSIS #3	2	EA	\$	\$
4	ANALYSIS #4	2	EA	\$	\$
5	ANALYSYS #5	24	EA	\$	\$
<u>6</u>	<u>ANALYSIS #6</u>	<u>3</u>	<u>EA</u>	<u>\$</u>	<u>\$</u>
7	ANALYSIS #7	2	EA	\$	\$
8	ANALYSIS # 8	2	EA	\$	\$
BASE BID AMOUNT TOTAL (Items 1-7 8, written numerically:					\$