

II. Plant Tissue Analyses

A. Plant Tissue Analysis						
Test No.	Description				Fee (\$)	Lab
P1	Basic Plant Test Total Nitrogen (N) Potassium (K) Iron (Fe) Boron (B) Nickel (Ni) Sulfur (S) Calcium (Ca) Manganese (Mn) Copper (Cu) Phosphorus (P) Magnesium (Mg) Aluminum (Al) Zinc (Zn)				25.00	SPW
P2	ICP Minerals Only (P1 without Total N)				20.00	SPW
P4	Total Carbon (C) OR Total Nitrogen (N)				10.00	SPW
P5	Total Carbon (C) AND Total Nitrogen (N)				18.00	SPW
P9	Mercury - acid digestion				50.00	SPW
P13	Cotton Petiole: Single sample Single Petiole for Nitrate-N, Phosphorus, and Potassium				25.00	SPW
P15	Cotton Petiole: Test Option # 1 (3 samples in total) Three samples submitted for analysis: <ul style="list-style-type: none"> a. leaf sample at first square b. petiole sample at first bloom c. petiole sample at first bloom + two weeks 				55.00	SPW
P16	Cotton Petiole: Test Option # 2 (4 samples in total) Four samples submitted for analysis: <ul style="list-style-type: none"> a. leaf sample at first square b. petiole sample at first bloom c. petiole sample at first bloom + two weeks d. final petiole sample at first bloom + four weeks 				70.00	SPW

B. Trace Level Analysis

Test No.	Description	Fee (\$)	Lab
P41	Priority Pollutants by ICP-AVOES Antimony (Sb) Cadmium (Cd) Lead (Pb) Silver (Ag) Arsenic (As) Chromium (Cr) Nickel (Ni) Thallium (Tl) Beryllium (Be) Copper (Cu) Selenium (Se) Zinc (Zn)	150.00 (+ \$10 any additional element in P42)	SPW
P42	Any one of Available Metals and/or Non-Metals by ICP-AVOES Aluminum (Al) Chromium (Cr) Nickel (Ni) Sulfur (S) Antimony (Sb) Cobalt (Co) Palladium* (Pd) Thallium (Tl) Arsenic (As) Copper (Cu) Phosphorus (P) Tin (Sn) Barium (Ba) Gold (Au) Potassium (K) Titanium (Ti) Beryllium (Be) Iron (Fe) Selenium (Se) Uranium (U) Bismuth (Bi) Lead (Pb) Silicon (Si) Vanadium (V) Boron (B) Magnesium (Mg) Silver (Ag) Zinc (Zn) Cadmium (Cd) Manganese (Mn) Sodium (Na) Calcium (Ca) Molybdenum (Mo) Strontium (Sr)	50.00 (+ \$10 any additional element)	SPW
* Analyte not listed in EPA 6010b			

C. Pesticide and Organic Analysis

Test No.	Description	Fee (\$)	Lab
P44	Chlorinated Hydrocarbon & Organic Phosphate Insecticide (Screen) Aldrin Dieldrin Lindane PCB 1242 Chlordane Endrin Malathion PCB 1254 Chlorpyrifos Endrin Aldehyde Methoxychlor PCB 1260 DDD Ethion Methyl Parathion Toxaphene DDE Heptachlor Mirex DDT Heptachlor Epoxide Parathion	100.00	CEQ
P45	Herbicide Analysis (Screen) Alachlor EPTC Oxadiazon Propachlor Atrazine Hexazinone Oxyfluorfen Propazine Benfluralin Isopropalin Pebulate Simazine Bromacil Metolachlor Pendimethalin Terbacil Butylate Metribuzin Prodiamine Trifluralin Cycloate Molinate Profluralin Vernolate	100.00	CEQ
P46	Phenoxy Acid Herbicide Analysis 2-4-D 2,4,5-T Dicamba Triclopyr 2,4-DB 2,4,5-TP Picloram MCPP * * Special request (by HPLC Method)	100.00	CEQ

Test No.	Description	Fee (\$)	Lab
P47	Termiticide Analysis Chlorpyrifos Cypermethrin Pydrin Chlordane Bifenthrin Permethrin	100.00	CEQ

III. Water Analyses

A. Basic, GA Expanded, and Other Analysis

Test No.	Description	Fee (\$)	Lab
W1	Basic Water Test (Minimum Sample Amt.: 125mL) pH and Hardness Aluminum (Al) Iron (Fe) Nickel (Ni) Phosphorus (P) Boron (B) Magnesium (Mg) Silica (SiO ₂) Potassium (K) Chromium (Cr) Manganese (Mn) Sodium (Na) Calcium (Ca) Copper (Cu) Molybdenum (Mo) Zinc (Zn)	20.00	SPW
W2	GA. Expanded Water Test (<i>required for water treatment design</i>) (W1-Basic, W3-Anions, W11-Soluble Salts, & W18-Alkalinity) Need 16 oz. (500 mL)	60.00	SPW
<p>For a W1 and W2, a first draw water sample will be collected. To do this, take the sample between a 6 - 12 hour period during which time there was no water usage. The GA-EPD recommends that either early morning or evenings upon returning home are the best sampling times to ensure that the necessary stagnant water conditions exist. A kitchen or bathroom cold-water faucet is to be used for sampling. If the primary concern is the well pump, draw the water from as near the well head as possible. Place a quart container below the faucet and gently open the cold water tap. Completely fill. Transfer a portion to a 4 oz. (125 mL) sample bottle for W1 and a 16 oz. (500 mL) for W2, tightly cap and place in the mail.</p>			
W3	Anions (Ion chromatography) (Minimum Sample Amt.: 125mL) Chloride (Cl) Nitrate-Nitrogen (NO ₃ -N) Sulfate (SO ₄) Fluoride (F) Phosphate (PO ₄)	40.00	SPW
W4	Any single Anion (in W3) (Minimum Sample Amt.: 125mL)	12.00	SPW
W5	Any two Anions (in W3) (Minimum Sample Amt.: 125mL)	22.00	SPW
W6	Nitrate-N (NO₃-N) (Cd reduction colorimetric) (Minimum Sample Amt.: 125mL)	12.00	SPW
W6A	Nitrate-N (NO₃-N) (Conductimetric) (Minimum Sample Amt.: 25mL)	12.00	FEW
W7	Nitrite-N (NO₂-N) (Colorimetric) (Minimum Sample Amt.: 125mL)	12.00	SPW
W8	Ammonium-Nitrogen (NH₄-N) (Minimum Sample Amt.: 125mL)	12.00	SPW
W8A	Ammonium-Nitrogen (NH₄-N) (Conductimetric) (Minimum Sample Amt.: 25mL)	12.00	FEW
W10	pH only (Minimum Sample Amt.: 125mL)	4.00	SPW

Test No.	Description	Fee (\$)	Lab
W11	Soluble Salts (Electrical Conductivity/Specific Conductance) (Minimum Sample Amt.: 125mL, Holding Time: 28 days)	13.00	FEW
W12	Total Residual Chlorine (Minimum Sample Amt.: 500 mL, Analyze Immediately)	8.00	FEW
W13	Chlorophyll-A (Chla) (Minimum Sample Amt.: 500 mL, Filter Immediately Through 0.45 µm Filter, Keep the Filter Paper Refrigerated, Analyze Within 3 ½ Weeks)	40.00	FEW
W14	Mercury (Hg) (Minimum Sample Amt.: 125mL)	50.00	SPW
W15	Total Anionic Surfactants (Minimum Sample Amt.: 500 mL, No Known Holding Time, Analyze ASAP)	25.00	FEW
W16	Total organic carbon (TOC) (Minimum Sample Amt.: 125 mL, Holding Time: 28 days)	20.00	FEW
W16A	Total inorganic carbon (TIC) (Minimum Sample Amt.: 125 mL, Holding Time: 28 days)	20.00	FEW
W16B	Dissolved organic carbon (DOC) (Minimum Sample Amt.: 125 mL, Holding Time: 28 days)	25.00	FEW
W17	Kjeldahl Nitrogen (Minimum Sample Amt.: 500 mL, Holding Time: 28 days)	30.00	FEW
W18	Alkalinity (bicarbonate), pH , and CO₂ (250 mL required) (Minimum Sample Amt.: 250 mL, Holding Time: 14 days)	16.00	FEW
W19	Acidity (Minimum Sample Amt.: 250 mL, Holding Time: 14 days)	23.00	FEW
W20	Total Dissolved Solids (TDS) (Minimum Sample Amt.: 250 mL, Holding Time: 7 days)	20.00	FEW
W21	Total Suspended Solids (TSS) (Minimum Sample Amt.: 1 Liter, Holding Time: 7 days)	20.00	FEW
W22	Total Solids (TS) (Minimum Sample Amt.: 125 mL, Holding Time: 7 days)	16.00	FEW
W23	Total Volatile Solids (TVS) and Total Solids (TS) (Minimum Sample Amt.: 125 mL, Holding Time: 7 days)	22.00	FEW
W24	Biochemical Oxygen Demand (BOD) CALL FOR SCHEDULING Wednesday & Thursday 8:00 AM - 5:00 PM Friday 8:00 AM - 12:00 PM (Minimum Sample Amt.: 1000mL, Holding Time: 48 hours) Note: <i>If you have more than one BOD sample and we are not aware of them, please bring them on Wednesday or Thursday. Additional tests are required.</i>	40.00	FEW