



Schedule of Fees



Analytical Services Fee Schedule

Dear Valued Customers,

Please find enclosed our new fee schedule. These prices are effective July 1, 2002. You will find very few changes from our previous fee schedule.

We have included a sample collection, preservation and holding time summary for your information. We have also included the MDEQ OpMemo 14 UST table to help with your projects. A blank chain of custody form is attached, and copies of our MDEQ certifications are also included.

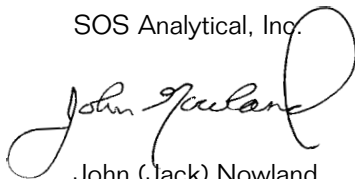
We encourage you to contact us when bidding major projects. These prices are stored in our database and make the billing process much more accurate and efficient.

Finally, we are very proud to announce our new location at 4125 Cedar Run Road, Traverse City, Michigan, 49684. Our phone and FAX numbers will not change. A map is included on the back cover. In addition to any questions that you may have about our fee schedule, please feel free to contact either one of us to discuss any concerns that you may have with regards to our services.

We truly value your business and look forward to serving you.

Sincerely,

SOS Analytical, Inc.



John (Jack) Nowland
President



Shanna Shea
Lab Manager

General Information

Hours: Laboratory hours are Monday-Friday from 8:00 a.m. until 5:00 p.m. and by appointment. The laboratory will be closed on New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

Turnaround Time: The standard turnaround time is 5-10 business days unless otherwise noted. Standard turnaround time applies to standard analyses only. Turnaround time for bacteria, nitrate and lead in drinking water is 2-5 working days. Since expedited analyses may require additional manpower and equipment, please call ahead of time so we can determine whether or not we can meet your turnaround requirements. If expedited turnaround is required, the standard charge is assessed a surcharge of 25% for 2-day turnaround, 50% for 24-hour turnaround and 100% for same day turnaround.

Re-Analysis: Results questioned by the client will be re-analyzed upon request. No charge will be made unless re-analysis confirms the original results. One free bacteria test may be performed after a positive coliform result.

Reporting Procedures: Original Reports will be mailed to the client(s) indicated on the chain of custody form (See confidentiality). Reports can be sent by FAX at no additional charge when a FAX number is provided. In addition, results of analyses are available via internet e-mail in a .pdf file format. Contact the laboratory for information.

Confidentiality: It is the policy of SOS Analytical, Inc. that all samples and results are the property of the client. We will not give out sample results, data files or samples to anyone other than the client without the client's permission or a court order. When a court order to produce documents is received, the client will be notified.

Sample Holding and Disposal: Samples are held for no longer than 30 days, depending on their stability and the amount of storage space required. Samples which require special means of disposal will be returned after analysis at the client's expense. We reserve the right to assess additional preparation fees for samples with unusually high concentrations of an analyte, or those requiring special handling procedures or modifications of standard analytical methods.

Storage of Results: All results will be stored for a minimum of three years before disposal.

Quantity Discounts/Special Pricing: Quantity discounts are available for large volumes of samples or contract work. No discounts are allowed on overdue accounts.

Sample Containers: Sample containers are available upon request. We stock 4 oz, 8 oz, 16 oz and 32 oz plastics, as well as 1-liter amber glass bottles and preserved VOA vials for the collection of water samples. 4 oz glass jars and prepared methanol kits are available for the collection of soil samples. These containers are provided at no charge. If alternative sample containers are needed, please call for availability. Coolers, chain of custody forms and labels are also provided at no charge.

Sample Pick-Up: Sample pick-up can be scheduled for the Traverse City area at no additional charge to our consultants. Please call the laboratory to schedule a pick-up.

Sample Collection: Sample collection for drinking water, surface water or waste water can be provided for a fee of \$50.00 per hour, portal to portal. (\$50.00 minimum charge). Please call the laboratory to schedule.

Payment Terms: Net 30 days unless other arrangements are made. Those clients who receive monthly billings will be billed on the 1st of each month for work done during the previous month.

Quality Assurance: Quality assurance consists of a multitude of tests and includes initial calibrations, continuing calibrations, retention time checks, method blank analyses, method detection limit analyses and so on. The quality assurance program used by SOS Analytical, Inc. meets or exceeds that required by the analytical method. In addition to participating in the certification/accreditation programs for the state of Michigan, SOS Analytical, Inc. has its own internal quality control program where samples are analyzed to check the performance of all technicians and chemists. We also participate, on a bi-yearly basis, with a third party auditing program in which check samples are provided and the results are compared to the 'true' results and to the results reported by other laboratories in the country.

Warranty and Limits of Liability: Our warranty is limited to the accuracy of analyses of samples as received. We assume no responsibility for the purposes for which the client uses the test result, nor liability for any other warranties, expressed or implied, including warranties of fitness for particular purpose or for merchantability made by the client. These terms and conditions shall supersede any conflicting terms and conditions stated on any purchase order, or other work order submitted by the client.

Guide to Sample Volume, Preservation, and Holding Times

Complete and unequivocal preservation of samples is a practical impossibility because complete stability for every constituent can never be achieved. At best, preservation techniques only retard chemical and biological changes that inevitably continue after sample collection.

This table is intended as a general guidance document. Sample volumes may vary based on number of quality control analyses required. Contact the laboratory for assistance.

Water

Parameter	Holding Time	Container	Volume	Preservative
Acidity	14 days	P, G	100 ml	Cool, 4°C
Alkalinity	14 days	P, G	100 ml	Cool, 4°C
Biological Oxygen Demand (BOD)	48 hours	P, G	1000 ml	Cool, 4°C
Chemical Oxygen Demand (COD)	28 days	P, G	100 ml	Cool, 4°C, H ₂ SO ₄ to pH<2
Chloride	28 days	P, G	100 ml	Cool, 4°C
Chromium, Hexavalent	24 hours	P, G	250 ml	Cool, 4°C
Cyanide				
Amenable	14 days ¹	P, G	500 ml	Cool, 4°C, NaOH to pH>12 ²
Free	14 days ¹	P, G	500 ml	Cool, 4°C, NaOH to pH>12 ²
Total	14 days ¹	P, G	500 ml	Cool, 4°C, NaOH to pH>12 ²
Fluoride	28 days	P	100 ml	Cool, 4°C
Hardness, Total	6 months	P, G	100 ml	HNO ₃ to pH<2
Metals (except Cr ⁺⁶ , Hg)	6 months	P	500 ml	Cool, 4°C, HNO ₃ to pH<2
MBAS	48 hours	G	500 ml	Cool, 4°C
Mercury	28 days	P, G	500 ml	HNO ₃ to pH<2
N, Ammonia	28 days	P, G	100 ml	H ₂ SO ₄ to pH<2
N, T. Kjeldahl	28 days	P, G	500 ml	H ₂ SO ₄ to pH<2
N, Nitrate	48 hrs/28 days preserved	P, G	100 ml	Cool, 4°C or add H ₂ SO ₄ to pH<2
N, Nitrite	48 hours	P, G	100 ml	Cool, 4°C
Oil and Grease	28 days	G	1000 ml	Cool, 4°C, H ₂ SO ₄ or HCl to pH<2
Petroleum Hydrocarbons	14 days	G	1000 ml	Cool, 4°C, H ₂ SO ₄ to pH<2
pH	Analyze Immediately	P, G	50 ml	N/A
Phenols, Recoverable	28 days	G	500 ml	Cool, 4°C, H ₂ SO ₄ to pH<2
Phosphorus, Ortho	48 hours	P, G	100 ml	Filter, Cool, 4°C
Phosphorus, Total	28 days	P, G	100 ml	Cool, 4°C, H ₂ SO ₄ to pH<2
Radiological Tests				
Alpha, Beta & Radium	6 months	P, G	4 L	Cool, 4°C, HNO ₃ to pH<2
Solids, Total	7 days	P, G	100 ml	Cool, 4°C
Solids, Total Dissolved	7 days	P, G	100 ml	Cool, 4°C
Solids, Total Suspended	7 days	P, G	100 ml	Cool, 4°C
Solids, Volatile Suspended	7 days	P, G	100 ml	Cool, 4°C
Sulfate	28 days	P, G	100 ml	Cool, 4°C

P = Plastic G = Glass

Water

Parameter	Holding Time	Container	Volume	Preservative
Total Organic Carbon	28 days	P, G	100 ml	Cool, 4°C, H ₂ SO ₄ to pH<2
Halogenated Volatiles	14 days	40 ml vials	2x40 ml	Cool, 4°C ³
Purgeable Aromatics	14 days ⁴	40 ml vials	2x40 ml	Cool, 4°C, HCl to pH<2 ³
Phenols by GC/MS	7 days/40 days ⁵	G	1 L	Cool, 4°C
Pesticides/PCBs	7 days/40 days ⁵	G	1 L	Cool, 4°C
Polynuclear Aromatics	7 days/40 days ⁵	G	1 L	Cool, 4°C
Acid/Base-Neutral Extractables	7 days/40 days ⁵	G	1 L	Cool, 4°C

Soil

Parameter	Holding Time	Container	Volume	Preservative
Metals (except Hg)	6 months	P, G	100 g	Cool, 4°C
Mercury	28 days	P, G	100 g	Cool, 4°C
Halogenated Volatile Organics	14 days	G	10 g/10 ml methanol	Methanol preserved in field ⁶
Purgeable Aromatics	14 days	G	10 g/10 ml methanol	Methanol preserved in field ⁶
Phenols	14 days/40 days ⁵	G	100 g	Cool, 4°C
Pesticides/PCBs	14 days/40 days ⁵	G	100 g	Cool, 4°C
Polynuclear Aromatics	14 days/40 days ⁵	G	100 g	Cool, 4°C
Acid/Base-Neutral Extractables	14 days/40 days ⁵	G	100 g	Cool, 4°C

¹If residual chlorine is present, add 0.6 gm. ascorbic acid.

²Maximum holding time is 24 hours when sulfide is present. Test with lead acetate paper prior to pH adjustment. Remove sulfide with addition of lead nitrate until a negative spot test is obtained. Filter and add NaOH to pH>12.

³If samples contain residual chlorine, add 0.008% sodium thiosulfate at the time of sampling.

⁴With pH adjustment; without, holding time is 7 days.

⁵Seven days prior to extraction. Samples must be analyzed within 40 days after extraction.

⁶Encore samplers may be used, but must be received in lab and extracted within 48 hours.

Units of Measure

The following guide is provided to assist the data user in interpreting laboratory reports. Listed are conversions for commonly used units of measure.

Parts per Million	mg/L	milligrams per liter
	mg/kg	milligrams per kilogram
Parts per Billion	µg/L	micrograms per liter
	µg/kg	micrograms per kilogram
Equivalents	1 mg = 1000 µg	1 liter = 1000 ml
	1 g = 1000 mg	1 ml = 0.001 L
	1 kg = 1000 g	

MDEQ Operational Memo #14 PRICE LIST

Product	Method	Fee
Leaded Gasoline	8260	100.00
Unleaded Gasoline	8260	100.00
Petroleum Solvents	8260, 8270	250.00
Light Distillate Oils	8260, 8270	290.00
Residueal Oils	8260, 8270	280.00
Used Motor Oils	8260, 8270, 7000s	Call Lab
Waste Oils	8260, 8270, 8080, 7000s	Call Lab
Unknown	8260, 8270, 8080, 7000s	Call Lab

Recommended Parameters for Common Petroleum Products

Parameters	Leaded Gasoline¹	Unleaded Gasoline²	Petro. Solv³	Light Distillate Oils⁴	Residual Oils⁵	Used Motor Oils⁶	Waste Oils⁷	Unknown
BTEX	X	X	X	X		X	X	X
Trimethylbenzene Isomers (TMB)	X	X	X	X	X	X	X	X
MTBE		X						X
1, 2-Dibromoethane (ethylene dibromide EDB)	X					X	X	X
1, 2-Dichloroethane	X					X	X	X
PNAs			X	X	X	X	X	X
Naphthalene/ 2-methylnaphthalene	X	X						X
Cadmium						X	X	X
Chromium						X	X	X
Lead	X					X	X	X
Volatile Halocarbons						X	X	X
PCBs							X	X
Diesel Range Organics (DRO)				X	X	X	X	X
Gasoline Range Organics (GRO)			X					X

Volatile Organics

Analysis	EPA Method References	Price Per Sample
BTEX	8021B	55.00
BTEX	8260B	70.00
BTEX/MTBE	8021B	75.00
BTEX/MTBE	8260B	90.00
BTEX/TMB'S	8260B	95.00
BTEX+ (LEADED OR UNLEADED GASOLINE LIST)*	8260B	100.00
HALOCARBONS	8260B/601 LIST	95.00
TOTAL VOLATILE ORGANICS	8260B/624 LIST	170.00
DRINKING WATER VOC LIST	524.2	95.00
ANY SINGLE VOLATILE ORGANIC	ANY	50.00
ANY TWO VOLATILE ORGANICS	ANY	75.00
ANY THREE VOLATILE ORGANICS	ANY	95.00
FOUR OR MORE VOLATILE ORGANICS	ANY	LIST
TPH - VOLATILE AS GRO	8015M	50.00
VOLATILE PRODUCT ID	GC/MS GASOLINE	100.00

Note: Methanol Kits for field preservation are provided at no charge. Add a \$10.00 extraction fee to prices listed above if soils/solids are submitted to the laboratory in Encore samplers. (Extraction per EPA 5035) Encore samplers are available from SOS Analytical, Inc. for \$8.00 each.

*Per DEQ Operational Memorandum No. 14 dated June 12, 1998.

Semi-Volatile Organics

Analysis	EPA Method References	Price Per Sample
PNA	8270C	130.00
BASE-NEUTRALS ONLY	8270C	190.00
ACIDS (PHENOLS) ONLY	8270C	95.00
FULL BASE/NEUTRALS/ACIDS (BNA)	8270C	240.00
PESTICIDES	8081A	150.00
PESTICIDES	8270C	200.00
PCB'S	8082/608 LIST	80.00
PCB OILS	8082	30.00
ANY SEMI-VOLATILE ORGANIC	ANY	75.00
ANY TWO SEMI-VOLATILE ORGANICS	ANY	95.00
THREE OR MORE SEMI-VOLATILE ORGANICS	ANY	LIST
CHLORINATED HYDROCARBONS (SEMI-VOL)	8270 SHORT LIST	70.00
CHLORINATED HYDROCARBONS (SEMI-VOL)	TYPE A LIST 8081/8260	200.00
TPH – SEMI-VOLATILE as DRO	8015M	75.00
HERBICIDES	SUBCONTRACTED	CALL

DRO = Diesel Range Organics T.I.O. = Tentatively Identified Organics

Metals

Analysis	EPA Method References	Price Per Sample
ALUMINIUM	202.1/7020/SM3111D FAA	15.00
ANTIMONY	204.1/7040/SM3111B FAA 204.2/200.9/7041 GFAA	27.00
ARSENIC	206.2/200.9/7060A/SM3500As-B GFAA	27.00
BARIUM	208.1/7080A/SM3111 FAA	13.00
BERYLLIUM	210.2/200.9/7091 GFAA	27.00
CADMIUM	213.1/7130/SM3111B FAA 213.2/200.9/7131A GFAA	13.00 27.00
CALCIUM	215.1/7140/SM3111B FAA	13.00
CHROMIUM	218.1/7190/SM3111B FAA 218.2/200.9/7191 GFAA	13.00 27.00
COPPER	220.1/7210/SM3111B FAA	13.00
IRON	236.1/7380/SM3111B FAA	13.00
LEAD	239.1/7420 FAA 7420/FAA PAINT CHIPS 239.2/200.9/7421 GFAA	13.00 25.00 27.00
MAGNESIUM	242.1/7450/SM3111B FAA	13.00
MANGANESE	243.1/7460/SM3111B FAA	13.00
MERCURY	245.1/7470/7471/SM3500HgB CV	25.00
MOLYBDENUM	246.1/7480/SM3111D FAA	13.00
NICKEL	249.1/7520/SM3111B FAA	13.00
POTASSIUM	258.1/7610/SM3111B FAA	13.00
SELENIUM	270.2/200.9/7740 GFAA	27.00
SILVER	272.1/7760A/SM3500 Ag-B FAA 272.2/200.9/7761 GFAA	13.00 27.00
SODIUM	273.1/7770/SM3111B FAA	13.00
THALLIUM	279.2/200.9/7841 GFAA	27.00
ZINC	289.1/7950/SM3111B FAA	13.00
FILTER FEE FOR DISSOLVED METALS		10.00

FAA = FLAME AA GFAA = GRAPHITE FURNACE/PLATFORM AA CV - COLD VAPOR

Common Metal Groups

RCRA Metals

Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, Silver

Michigan 10 Metals List

Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, Silver, Copper, Zinc

Priority Pollutant List (13 Metals)

Antimony, Arsenic, Beryllium, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Zinc

Target Analyte List (23 Metals)

Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc

Common Cation Screen

Aluminum, Barium, Calcium, Magnesium, Iron, Manganese, Potassium, Sodium

General Chemistry/Inorganics

Analysis	EPA Method References	Price Per Sample
ALKALINITY	310.1/310.2/SM2320B	15.00
AMMONIA NITROGEN	350.1/SM4500NH3-H	18.00
BOD 5-DAY	405.1/SM5210B	30.00
CHLORIDE	325.2/9251/SM4500-Cl-C	18.00
CHLORINE, RESIDUAL	SM4500Cl	15.00
COLOR	110.2/SM2120B	15.00
CONDUCTIVITY	120.1/SM2510B	10.00
CYANIDE-TOTAL	335.3/9010B/SM4500CN-C	25.00
FLASH POINT	1010	25.00
FLUORIDE	340.2/SM4500-F-C	15.00
HARDNESS	130.2/SM2340-B	15.00
MOISTURE, PERCENT	GRAVIMETRIC	10.00
NITRATE NITROGEN	353.2/SM4500NO3-F	15.00
NITRATE + NITRITE NITROGEN	353.2/SM4500NO3-F	15.00
NITRITE NITROGEN	353.2/SM4500NO2-B	15.00
NITROGEN-TOTAL INORGANIC	350.1 + 353.2	35.00
NITROGEN-TOTAL KJELDAHL	351.1/351.2/SM4500N	35.00
ODOR	140.1/SM2150B	40.00
OIL AND GREASE	413.1/SM5520B/9070/9071A	50.00
PAINT FILTER	9095A	10.00
PH	150.1/9040B/9045C/SM4500H	10.00
PHENOLICS, TOTAL RECOVERABLE	420.2/9065	40.00
PHOSPHORUS, ORTHO	365.1/SM4500P-F	18.00
PHOSPHORUS, TOTAL	365.4M/SM4500P-F	25.00
RESIDUE, FILTERABLE	160.1 (TDS) / SM2540C	15.00
RESIDUE, NON-FILTERABLE	160.2 (TSS) / SM2540D	15.00
RESIDUE, TOTAL	160.3 / SM2540B	15.00
SULFATE	375.4/SM4500SO4-F	25.00
TANNINS	SM5550	18.00
TEMPERATURE	170.1/SM2550	10.00
TURBIDITY	180.1/SM2130B	10.00

TCLP/SPLP - EPA 1311/1312

Analysis	EPA Method References	Price Per Sample
METAL / SEMI VOLATILE ORGANICS	EXTRACTION FEE	45.00
TCLP METALS (MICHIGAN 10)	SW846 7000's	167.00
TCLP LEAD ONLY	7420 FAA 7421 GFAA	58.00 72.00
ZHE / VOLATILES – SHORT LIST	8260B	235.00
ZHE / BTEX ONLY	8021B/8260B	125.00
SEMI-VOLATILES	8270C	180.00
FULL TCLP W/O PEST/HERBS	8260B/8270C/ ORGANICS MI 10 METALS	672.00
ZHE / 8010 LIST SOLVENTS	8260B	165.00

Microbiological Parameters

Analysis	EPA Method References	Price Per Sample
COLIFORM BACTERIA - TOTAL/E. coli	SM9223B2b P/A (Presence/Absence)	15.00
COLIFORM BACTERIA – ENUMERATION	SM9223B MPN (Most Probable Number)	20.00
FECAL COLIFORM	SM9222D MF (Membrane Filtration)	25.00
IRON BACTERIA	BART-IRB	30.00

TCLP MAXIMUM HOLDING TIMES (days)

	From: Field Collection To: TCLP extraction	From: TCLP extraction To: Preparative extraction	From: Preparative extraction To: determinative analysis	Total Elapsed Time
Volatiles	14	Not Applicable	14	28
Semivolatiles	14	7	40	61
Mercury	28	Not Applicable	28	56
Metals, except mercury	180	Not Applicable	180	360

Drinking Water

Analysis	MDEQ Reference Code	Price Per Sample
COLIFORM BACTERIA - TOTAL AND E. coli	BPTC	15.00
FLUORIDE (F ⁻) OR NITRATE (NO ₃ ⁻) only	—	15.00
LIMITED PARTIAL CHEMISTRY (F ⁻ , NO ₃ ⁻ , NO ₂ ⁻)	R	30.00
NITRATE (NO ₃ ⁻) AND COLIFORM (P/A) (Presence/Asbence)	—	30.00
TOTAL CYANIDE	CCN	35.00
LEAD AND COPPER	CCUB	30.00
LEAD ONLY		20.00
ARSENIC ONLY		27.00
LIMITED SCREEN (SEE LIST)		41.00
COMPLETE METALS (SEE LIST)	CMET	125.00
COMPLETE METALS 2 (SEE LIST)	CMET2	150.00
ORGANIC SOLVENTS/VOC's BY GC/MS (ITD)	CXVO	95.00
TOTAL TRIHALOMETHANES	CXTM	65.00
SOC's FOR PHASE II/V SUPPLIES	CXLP, CXHB, CXPT	350.00
EDB/DBCP	CXEV	90.00

MDEQ = MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

Limited Screen

Hardness, Sodium, Iron

Complete Metals

Arsenic, Barium, Cadmium, Chromium, Lead, Manganese, Mercury, Selenium, Copper, Zinc, Iron

Complete Metals 2

Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Lead, Mercury, Nickel, Selenium, Thallium

***All prices include sample bottles and pre-addressed shipping containers.**

NORMAL TURNAROUND TIME FOR RESULTS IS AS FOLLOWS:

Partial Chemistry, Metals and VOC's	5-10 Working Days
Cyanide	5-10 Working Days
SOC's	10-14 Working Days
Coliform Bacteria and Nitrate(ite)	2-3 Working Days
Lead	2-5 Working Days

Turnaround times are approximate and are not guaranteed.

On-Site Environmental Laboratory and Oil Field Well Logging Services

LABORATORY QUALITY TESTING PERFORMED IN THE FIELD

SOS Analytical, Inc. (SOS) has geared up to assist our customers by providing on-site well logging and mobile laboratory services. We offer state-of-the-art instrumentation using EPA and MDEQ approved test methods, not “screening” methods.

SOS Analytical, Inc. was founded in 1991 as a full service environmental laboratory. Formerly ‘Source Consulting’, owned by John Nowland, the company provided on-site geological well logging and analytical services, housed in a mobile laboratory.

Our staff brings over 30 years of combined experience and training to the field. ‘Mud logging’ is performed by a degreed geologist with 25 years of logging experience. The mobile laboratory is staffed by personnel holding a minimum of a bachelors degree in chemistry or a related field.

Here to service your well logging (mud logging) needs

SOS has the state-of-the-art gas detection equipment and computerized mud logger. A total hydrocarbon analyzer (THA) is coupled with a gas chromatograph (GC) equipped with flame ionization detection (FID).

Why use SOS Analytical?

Experienced Staff bringing 25 years of mud logging experience to the field

Computer Generated Well Log

Gas/Oil Ratio is calculated using the C-1 and C-2 ratio, detected on a GC with FID

Total Hydrocarbon Analyzer with continuous digital readout provides a linear non-saturating total gas detection system

Technical Support to answer your questions

Competitive Prices

On-Site Mobile Laboratory Services Available 24 Hours a Day!

On-site analysis of soil and water using EPA and MDEQ approved methods

VOC's analyzed by EPA 5030/8021

No additional charge for 10% of mobile lab samples confirmed in-house, using a GC/MS.

Prepared to Meet your Needs

SOS Analytical, Inc. is well prepared to meet all of your well logging and analytical needs both in the laboratory and in the field.

We are confident that we can provide the highest quality of service for you. Professional references are available.

Call us today for scheduling and pricing



4125 Cedar Run Road, Suite B
Traverse City, Michigan 49684
Phone: 231-946-6767 Fax: 231-946-8741

State of Michigan Certifications

State of Michigan
Department of Environmental Quality
Drinking Water and Radiological
Protection Division

DEQ

CERTIFIES:
SOS ANALYTICAL

HAS BEEN EVALUATED AND IS APPROVED FOR THE FOLLOWING
PARAMETERS FOR THE ANALYSIS OF DRINKING WATER:

FULL CERTIFICATION
ORGANIC CHEMISTRY

Regulated and Unregulated Volatile Organic Chemicals and Total Trihalomethanes

This certification requires maintenance of an acceptable quality assurance program, use of approved methodology and equipment, and satisfactory performance on evaluation samples. This certification does not guarantee validity of data generated.

June 25, 2004
Expiration Date

June 21, 2001
Issuance Date

Robert Heagy
Director, Laboratory Services

Henry J. Heagy
Laboratory Certification Officer

9506
Laboratory Number

DEQ 2103 10/98
Authority: Act 305, P.A. 1976



State of Michigan
Department of Environmental Quality
Drinking Water and Radiological
Protection Division

DEQ

CERTIFIES:
SOS ANALYTICAL

HAS BEEN EVALUATED AND IS APPROVED FOR THE FOLLOWING
PARAMETERS FOR THE ANALYSIS OF DRINKING WATER:

FULL CERTIFICATION
MICROBIOLOGY

Total Coliforms and E.coli

This certification requires maintenance of an acceptable quality assurance program, use of approved methodology and equipment, and satisfactory performance on evaluation samples. This certification does not guarantee validity of data generated.

June 25, 2004
Expiration Date

June 21, 2001
Issuance Date

Robert Heagy
Director, Laboratory Services

Henry J. Heagy
Laboratory Certification Officer

9506
Laboratory Number

DEQ 2103 10/98
Authority: Act 305, P.A. 1976



State of Michigan
Department of Environmental Quality
Drinking Water and Radiological
Protection Division

DEQ

CERTIFIES:
SOS ANALYTICAL

HAS BEEN EVALUATED AND IS APPROVED FOR THE FOLLOWING
PARAMETERS FOR THE ANALYSIS OF DRINKING WATER:

FULL CERTIFICATION
INORGANIC CHEMISTRY

Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Lead, Selenium, and Thallium
Copper, Nickel, and Sodium
Nitrate and Nitrite
Fluoride, Sulfate, and Cyanide
Mercury

This certification requires maintenance of an acceptable quality assurance program, use of approved methodology and equipment, and satisfactory performance on evaluation samples. This certification does not guarantee validity of data generated.

June 25, 2004
Expiration Date

June 21, 2001
Issuance Date

Robert Heagy
Director, Laboratory Services

Henry J. Heagy
Laboratory Certification Officer

9506
Laboratory Number

DEQ 2103 10/98
Authority: Act 305, P.A. 1976



Independent / Locally Owned

SOS Analytical, Inc. prides itself on being independent and locally owned – free to offer laboratory services to all of our clients with no conflict of interest. SOS has serviced engineering firms, environmental consultants, manufacturing companies, wastewater treatment facilities, national and state parks, realtors, mortgage companies, homeowners and other laboratories.

Founded in 1991,

the staff at SOS has over sixty years of combined experience and specialized training in chemistry, biochemistry, biology, geology, hydrology and earth science. SOS provides complete environmental laboratory services using state of the art equipment, approved EPA methods, and a superior quality assurance and quality control program.



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