

**FIRST AMENDMENT
TO PROFESSIONAL SERVICES AGREEMENT NUMBER F000831
WITH ALPHA ANALYTICAL LABORATORIES, INC.**

This First Amendment to Agreement number F000831, dated _____ ("Agreement") is made as of this _____ day of _____, 2020, by and between the City of Santa Rosa, a municipal corporation ("City"), and Alpha Analytical Laboratories, Inc.

RECITALS

- A. City and Consultant entered into the Agreement for Consultant to provide analytical testing services and reports to fulfill various permit and regulatory requirements.
- B. City and Consultant now desire to amend the Agreement for the purpose of increasing the compensation payable.

AMENDMENT

NOW, THEREFORE, the parties agree to amend the Agreement as follows:

1. Section 1. Compensation

Exhibit B to the Agreement is replaced by Exhibit B-1 to this Amendment.
Section 2(c) is amended to increase the compensation payable to Consultant under the Agreement by \$195,000 to read as follows:

"Notwithstanding any other provision in this Agreement to the contrary, the total maximum compensation to be paid for the satisfactory accomplishment and completion of all tasks set forth above shall in no event exceed the sum of two hundred ninety-four thousand dollars and no cents (\$294,000.00). The City's Chief Financial Officer is authorized to pay all proper claims from Charge Number 130806, Object Number 5321."

2. Section 12. Time of Performance

The last sentence of Section 12 is amended to read as follows:

"Consultant shall complete all the required services and tasks and complete and tender all deliverables to the reasonable satisfaction of the City by April 2025"

3. Section 20. Counterparts and Electronic Signatures.

Section 20 (Counterparts and Electronic Signatures) is added to the Agreement after Section 19 (Authority; Signatures Required for Corporations) as follows:

"Section 20. Counterparts and Electronic Signatures. This Amendment and future documents relating thereto may be executed in two or more counterparts, each of which will be

deemed an original and all of which together constitute one Agreement. Counterparts and/or signatures delivered by facsimile, pdf or City-approved electronic means have the same force and effect as the use of a manual signature. Both City and Consultant wish to permit this Amendments and future documents relating thereto to be electronically signed in accordance with applicable federal and California law. Either Party to this Agreement may revoke its permission to use electronic signatures at any time for future documents by providing notice pursuant to the Agreement. The Parties agree that electronic signatures, by their respective signatories are intended to authenticate such signatures and to give rise to a valid, enforceable, and fully effective Agreement. The City reserves the right to reject any digital signature that cannot be positively verified by the City as an authentic electronic signature.”

All other terms of the Agreement shall remain in full force and effect.

Executed as of the day and year first above stated.

CONSULTANT:

CITY OF SANTA ROSA
a Municipal Corporation

Name of Firm: Alpha Analytical Laboratories, Inc.

TYPE OF BUSINESS ENTITY (*check one*):

By: _____

Print Name: _____

____ Individual/Sole Proprietor

____ Partnership

Corporation

Director, _____ Department

Title: _____

____ Limited Liability Company

____ Other (please specify: _____)

APPROVED AS TO FORM:

Signatures of Authorized Persons:

By: _____

Office of the City Attorney

Print Name: _____

ATTEST:

Title: _____

By: _____

City Clerk

Print Name: _____

Title: _____

City of Santa Rosa Business Tax Cert. No.

Attachments:

Exhibit B-1 -Compensation



Exhibit B-1

Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Analytical Services Quotation

Contact: Walter Norosky
Client: Santa Rosa, City of - Utilities Dept.
Address: 4300 Llano Rd.
 Santa Rosa CA, 95407
Phone: (707) 543-4369
Project: 1 - Master Services List

Quoted: 1/3/2020
Effective: 12/06/19
Expires: 12/31/20

Pricing Summary

Parameter	Method	Quantity	TAT (days)	Unit Price	Extended Price
Additional Items					
Digest-Metals	-	1	10	\$10.00	\$10.00
Handling & Disposal	-	1	10	\$5.00	\$5.00
Write On Complete	-	1	10	\$0.00	\$0.00
Write On Miscellaneous Analytes	-	1	10	\$10.00	\$10.00
Write On Partial List	-	1	10	\$10.00	\$10.00
Air					
Asbestos-Bulk Standard SUB Asbestos TEM	EPA600/R-93-116	1	10	\$145.00	\$145.00
Composite Fee	-	1	10	\$15.00	\$15.00
Digest-Metals	-	1	10	\$10.00	\$10.00
Handling & Disposal	-	1	10	\$5.00	\$5.00
J flag Report Charge	-	1	10	\$10.00	\$10.00
Oil					
Composite Fee	-	1	10	\$15.00	\$15.00
Digest-Metals	-	1	10	\$10.00	\$10.00
Handling & Disposal	-	1	10	\$5.00	\$5.00
J flag Report Charge	-	1	10	\$10.00	\$10.00
Other (V)					
8080 Pest/PCB Water	EPA 8081A/8082	1	10	\$140.00	\$140.00
8141A OPP	EPA 8141A	1	10	\$140.00	\$140.00
8260B Full List	EPA 8260B	1	10	\$140.00	\$140.00
8270 Regular List	EPA 8270C	1	10	\$275.00	\$275.00
Ammonia	SM4500NH3B,C	1	10	\$25.00	\$25.00
Ammonia as N	SM4500NH3B,C	1	10	\$25.00	\$25.00
Ammonium	varies	1	10	\$120.00	\$120.00
BOD-SM5210B	SM5210B	1	10	\$45.00	\$45.00

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 Central Valley: 9090 Union Park Way Suite 113 | Elk Grove, CA 95624 | T: 916-686-5190 | F: 916-686-5192 | ELAP# 2922
 North Bay: 110 Liberty Street | Petaluma, CA 94952 | T: 707-769-3128 | F: 707-769-8093 | ELAP# 2303
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BTEX 8260	EPA 8260B	1	10	\$105.00	\$105.00
CAM 17 TTLC Water	varies	1	10	\$250.00	\$250.00
COD-SM5220D	SM5220D	1	10	\$30.00	\$30.00
Coliform, Fecal High Dilution	SM9221	1	10	\$125.00	\$125.00
Composite Fee	-	1	10	\$15.00	\$15.00
Conductivity	EPA 120.1	1	10	\$15.00	\$15.00
Digest-Metals	-	1	10	\$10.00	\$10.00
Handling & Disposal	-	1	10	\$5.00	\$5.00
Inhibitory Substance	SM9020B	1	10	\$375.00	\$375.00
J flag Report Charge	-	1	10	\$10.00	\$10.00
Nitrate as N 300.0	EPA 300.0	1	10	\$20.00	\$20.00
Nitrite as N 300.0	EPA 300.0	1	10	\$20.00	\$20.00
O&G (HEM)	EPA 1664A	1	10	\$75.00	\$75.00
Perchlorate & Conductivity	varies	1	10	\$100.00	\$100.00
pH Water SM4500	SM4500-H+ B	1	10	\$15.00	\$15.00
SAR	varies	1	10	\$47.00	\$47.00
SAR Calculation	SAR	1	10	\$10.00	\$10.00
Solids, Total-SM2540B	SM2540B	1	10	\$20.00	\$20.00
Solids, TSS-SM2540D	SM2540D	1	10	\$20.00	\$20.00
Total Kjeldahl Nitrogen	SM4500-Norg B	1	10	\$60.00	\$60.00
Total Sulfide-Sub to Accutest or BSK	SM4500-S DE	1	10	\$60.00	\$60.00
TPH D	8015DRO	1	10	\$125.00	\$125.00
TPH G/Full List 8260	varies	1	10	\$155.00	\$155.00
Other (W)					
8141A OPP	EPA 8141A	1	10	\$140.00	\$140.00
8260B Full List	EPA 8260B	1	10	\$140.00	\$140.00

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8270 Regular List	EPA 8270C	1	10	\$275.00	\$275.00
Ammonia as N	SM4500NH3B,C	1	10	\$25.00	\$25.00
Asbestos-Bulk Standard SUB Asbestos TEM	EPA600/R-93-116	1	10	\$145.00	\$145.00
BOD-SM5210B	SM5210B	1	10	\$45.00	\$45.00
BTEX 8260	EPA 8260B	1	10	\$105.00	\$105.00
CAM 16 STLC Metals	varies	1	10	\$225.00	\$225.00
CAM 16 TTLC Soil	varies	1	10	\$225.00	\$225.00
CAM 16 TTLC Water	varies	1	10	\$225.00	\$225.00
Coliform, Fecal High Dilution	SM9221	1	10	\$125.00	\$125.00
Coliform, Total High Dilution	SM9221	1	10	\$125.00	\$125.00
Composite Fee	-	1	10	\$15.00	\$15.00
Cyanide, Total	EPA 9014	1	10	\$95.00	\$95.00
Digest-Metals	-	1	10	\$10.00	\$10.00
Dioxin Low Level	EPA 8290	1	28	\$745.00	\$745.00
Filtration	-	1	10	\$10.00	\$10.00
Fluoride 300.0	EPA 300.0	1	10	\$20.00	\$20.00
Handling & Disposal	-	1	10	\$5.00	\$5.00
Inhibitory Substance	SM9020B	1	10	\$375.00	\$375.00
Iron Bacteria	SM9240B	1	10	\$90.00	\$90.00
J flag Report Charge	-	1	10	\$10.00	\$10.00
Nitrate as N 300.0	EPA 300.0	1	10	\$20.00	\$20.00
Nitrite as N 300.0	EPA 300.0	1	10	\$20.00	\$20.00
Nitrogen, Org Calc	SM4500-N	1	10	\$10.00	\$10.00
Nitrogen, Organic	varies	1	10	\$75.00	\$75.00
Nitrogen, Total	varies	1	10	\$75.00	\$75.00
Nitrogen, Total Calc	Calculation	1	10	\$10.00	\$10.00

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Pricing Summary

Parameter	Method	Quantity	TAT (days)	Unit Price	Extended Price
O&G (HEM)	EPA 9071B	1	10	\$75.00	\$75.00
Phenols-420.1	EPA 420.1	1	10	\$85.00	\$85.00
Solids, TDS-SM2540C	SM2540C	1	10	\$20.00	\$20.00
TOC-9060 Soil - Sub Test America	EPA 9060	1	10	\$150.00	\$150.00
Total Kjeldahl Nitrogen	SM4500-Norg B	1	10	\$60.00	\$60.00
Total Sulfide-Sub to Accutest or BSK	SM4500-S DE	1	10	\$60.00	\$60.00
TPH D	8015DRO	1	10	\$125.00	\$125.00
TPH G	EPA 8015B	1	10	\$150.00	\$150.00
Soil					
8141A OPP	EPA 8141A	1	10	\$140.00	\$140.00
8260B Full List	EPA 8260B	1	10	\$140.00	\$140.00
8270 PNAs	EPA 8270C	1	10	\$250.00	\$250.00
8270 PNAsSIM	EPA 8270SIM	1	10	\$250.00	\$250.00
8270 Regular List	EPA 8270C	1	10	\$275.00	\$275.00
Acidity SM2310B	SM2310B	1	10	\$20.00	\$20.00
Alkalinity 2320B	SM2320B	1	10	\$20.00	\$20.00
Ammonia	SM4500NH3B,C	1	10	\$25.00	\$25.00
Ammonia as N	SM4500NH3B,C	1	10	\$25.00	\$25.00
Asbestos-Bulk Standard SUB Asbestos TEM	EPA600/R-93-116	1	10	\$145.00	\$145.00
BOD-SM5210B	SM5210B	1	10	\$45.00	\$45.00
BTEX 8260	EPA 8260B	1	10	\$105.00	\$105.00
CAM 16 STLC Metals	varies	1	10	\$225.00	\$225.00
CAM 16 TTLC Soil	varies	1	10	\$225.00	\$225.00
CAM 16 TTLC Water	varies	1	10	\$225.00	\$225.00
Coliform, Fecal 15 Tube	SM9221	1	10	\$40.00	\$40.00
Coliform, Fecal High Dilution	SM9221	1	10	\$125.00	\$125.00

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Coliform, Total 15 Tube	SM9221	1	10	\$40.00	\$40.00
Coliform, Total High Dilution	SM9221	1	10	\$125.00	\$125.00
Composite Fee	-	1	10	\$15.00	\$15.00
Cu Total ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Cyanide, Total	EPA 9014	1	10	\$95.00	\$95.00
Digest-Metals	-	1	10	\$10.00	\$10.00
Dioxin 2378 TCDD	EPA 8290	1	14	\$395.00	\$395.00
Dioxin Low Level	EPA 8290	1	28	\$745.00	\$745.00
Fluoride 300.0	EPA 300.0	1	10	\$20.00	\$20.00
Gross Alpha SUB	Unknown	1	10	\$85.00	\$85.00
Handling & Disposal	-	1	10	\$5.00	\$5.00
J flag Report Charge	-	1	10	\$10.00	\$10.00
MTBE 8260	EPA 8260B	1	10	\$105.00	\$105.00
Nitrate 300.0	EPA 300.0	1	10	\$20.00	\$20.00
Nitrate as N 300.0	EPA 300.0	1	10	\$20.00	\$20.00
Nitrite 300.0	EPA 300.0	1	10	\$20.00	\$20.00
Nitrite as N 300.0	EPA 300.0	1	10	\$20.00	\$20.00
Nitrogen, Org Calc	SM4500-N	1	10	\$10.00	\$10.00
Nitrogen, Organic	varies	1	10	\$75.00	\$75.00
Nitrogen, Total	varies	1	10	\$75.00	\$75.00
Nitrogen, Total Calc	Calculation	1	10	\$10.00	\$10.00
O&G (HEM)	EPA 9071B	1	10	\$75.00	\$75.00
Pb Total ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Phenols-420.1	EPA 420.1	1	10	\$85.00	\$85.00
Sulfate 300.0	EPA 300.0	1	10	\$20.00	\$20.00
TOC-9060 Soil - Sub Test America	EPA 9060	1	10	\$150.00	\$150.00

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Parameter	Method	Quantity	TAT (days)	Unit Price	Extended Price
Total Kjeldahl Nitrogen	SM4500-Norg B	1	10	\$60.00	\$60.00
Total Sulfide-Sub to Accutest or BSK	SM4500-S DE	1	10	\$60.00	\$60.00
TPH D	8015DRO	1	10	\$125.00	\$125.00
TPH G	EPA 8015B	1	10	\$150.00	\$150.00
Tributyltin	Battelle	1	10	\$350.00	\$350.00
Water					
123-TCP SUB FGL	EPA 524.2	1	10	\$145.00	\$145.00
2-Chloroethyl Vinyl Ether by EPA 624.1	EPA 624.1	1	10	\$195.00	\$195.00
504.1 EDB/DBCP	EPA 504.1	1	10	\$120.00	\$120.00
507 DHS Regulatory	EPA 507	1	10	\$135.00	\$135.00
508 DHS Regulatory	EPA 508	1	10	\$135.00	\$135.00
515.3 Herbicides	EPA 515.3	1	10	\$135.00	\$135.00
524.2 Regulated Compounds Only	EPA 524.2	1	1	\$200.00	\$200.00
524.2 Volatiles	EPA 524.2	1	1	\$300.00	\$300.00
525 Semivolatiles	EPA 525.2	1	10	\$195.00	\$195.00
525.3 DDW SVOC	EPA 525.3	1	10	\$195.00	\$195.00
531.1 DHS Regulatory	EPA 531.1	1	10	\$135.00	\$135.00
547 Glyphosate	EPA 547	1	10	\$135.00	\$135.00
548.1 Endothall	EPA 548.1	1	10	\$135.00	\$135.00
549.2 Diquat	EPA 549.2	1	10	\$135.00	\$135.00
610 PNAs	EPA 610	1	10	\$275.00	\$275.00
624.1 CTR Volatiles	varies	1	10	\$195.00	\$195.00
624.1 Volatiles	EPA 624.1	1	10	\$195.00	\$195.00
632 Diuron	EPA 632	1	10	\$225.00	\$225.00
64432 Primary Inorganics	varies	1	10	\$150.00	\$150.00
64449 A&B Secondary Stds	varies	1	10	\$195.00	\$195.00

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8270 PNAsSIM	EPA 8270SIM	1	10	\$250.00	\$250.00
8270 PNAsSIM	EPA 8270SIM	1	10	\$250.00	\$250.00
8270 Regular List	EPA 8270C	1	10	\$275.00	\$275.00
Acidity SM2310B	SM2310B	1	10	\$20.00	\$20.00
Ag Diss ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Ag Total ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Aggressive Index	AWWA	1	10	\$10.00	\$10.00
Al Diss ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Al Total ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Alkalinity 2320B	SM2320B	1	10	\$20.00	\$20.00
Ammonia	SM4500NH3B,C	1	10	\$25.00	\$25.00
Ammonia as N	SM4500NH3B,C	1	10	\$25.00	\$25.00
Ammonia Unionized	EPA600/3-79-091	1	10	\$25.00	\$25.00
Ammonium	varies	1	10	\$120.00	\$120.00
As Total ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Asbestos TEM WW	EPA 100.2	1	10	\$295.00	\$295.00
Asbestos-Water SUB Asbestos TEM	EPA 100.2	1	10	\$300.00	\$300.00
B Diss ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
B Total ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Ba Diss ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Ba Total ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
BactQualLabWater	varies	1	10	\$560.00	\$560.00

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Client: Santa Rosa, City of - Utilities Dept.
Address: 4300 Llano Rd.
 Santa Rosa CA, 95407
Phone: (707) 543-4369
Project: 1 - Master Services List

Quoted: 1/3/2020
Effective: 12/06/19
Expires: 12/31/20

Pricing Summary

Parameter	Method	Quantity	TAT (days)	Unit Price	Extended Price
Be Diss ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Be Total ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Bicarbonate	SM2320B	1	10	\$20.00	\$20.00
Bioassay %Sv RT	EPA-821-R-02-012	1	10	\$550.00	\$550.00
Bioassay RT Non-renewal	EPA-821-R-02-012	1	10	\$350.00	\$350.00
BOD-SM5210B	SM5210B	1	10	\$45.00	\$45.00
BTEX 8260	EPA 8260B	1	10	\$105.00	\$105.00
Ca Diss 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Ca Total 200.7	EPA 200.7	1	10	\$20.00	\$20.00
CAM 16 STLC Metals	varies	1	10	\$225.00	\$225.00
CAM 16 TTLC Water	varies	1	10	\$225.00	\$225.00
CAM 17 Dissolved	varies	1	10	\$250.00	\$250.00
CAM 17 TTLC Water	varies	1	10	\$250.00	\$250.00
Carbonate	SM2320B	1	10	\$20.00	\$20.00
Cd Diss ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Cd Total ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Chlorate by EPA 300.0	EPA 300.1	1	10	\$65.00	\$65.00
Chlorophyll-A	SM10200H	1	10	\$95.00	\$95.00
Co Diss ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Co Total ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
COD-SM5220D	SM5220D	1	10	\$30.00	\$30.00
Coliform, E. coli	SM9223B	1	10	\$40.00	\$40.00
Coliform, Fecal 15 Tube	SM9221B,E	1	10	\$40.00	\$40.00
Coliform, Fecal High Dilution	SM9221	1	10	\$125.00	\$125.00
Coliform, Total	SM9223B	1	10	\$40.00	\$40.00
Coliform, Total 15 Tube	SM9221B,C	1	10	\$40.00	\$40.00

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Coliform, Total High Dilution	SM9221	1	10	\$125.00	\$125.00
Color-SM2120B	SM2120B	1	10	\$15.00	\$15.00
Composite Fee	-	1	10	\$15.00	\$15.00
Conductivity	SM2510B	1	10	\$15.00	\$15.00
Cr Diss 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Cr Total ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Cr Total Low Level	Cr	1	10	\$125.00	\$125.00
Cr6 218.6	EPA 218.6	1	10	\$125.00	\$125.00
Cr6 3500CrB Water	SM3500-Cr B	1	10	\$65.00	\$65.00
Cr6 7196A Water	EPA 7196A	1	10	\$65.00	\$65.00
CTR 608.3 Pest/PCB	EPA 608.3	1	10	\$250.00	\$250.00
CTR chlorpyrifos by EPA 614	EPA 614	1	10	\$140.00	\$140.00
CTR diazinon by EPA 614	EPA 614	1	10	\$140.00	\$140.00
CTR PNAs by EPA 8310	EPA 8310	1	10	\$275.00	\$275.00
CTR Semi-Volatile by EPA 625.1	EPA 625.1	1	10	\$375.00	\$375.00
Cu Diss 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Cu Total ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Cyanide, Dissolved	10-204-00-1X	1	10	\$95.00	\$95.00
Cyanide, Total	10-204-00-1X	1	10	\$95.00	\$95.00
Digest-Metals	-	1	10	\$10.00	\$10.00
Dioxin 2378 TCDD	EPA 1613A	1	14	\$500.00	\$500.00
Dioxins Full List	EPA 1613A	1	14	\$1,000.00	\$1,000.00
DOC-SM5310	SM5310C	1	10	\$50.00	\$50.00
Fe Diss ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Fe Total ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Fecal Strep - Hi Dil - SM9230	SM9230B	1	10	\$155.00	\$155.00

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Fecal Strep-SM9230	SM9230B	1	10	\$70.00	\$70.00
Filtration	-	1	10	\$10.00	\$10.00
Fluoride 300.0	EPA 300.0	1	10	\$20.00	\$20.00
Gross Alpha SUB	EPA 900.0	1	10	\$85.00	\$85.00
Haloacetic Acids	EPA 552.2	1	10	\$130.00	\$130.00
Handling & Disposal	-	1	10	\$5.00	\$5.00
Hardness Calc	SM2340B	1	10	\$6.00	\$6.00
Hardness, Total	varies	1	10	\$46.00	\$46.00
Het PC Water Non-SDWA	SM9215B	1	10	\$45.00	\$45.00
Hg LL CVAA Total 245.1	EPA 245.1	1	10	\$50.00	\$50.00
Hg Total CVAA 245.1	EPA 245.1	1	10	\$50.00	\$50.00
Inhibitory Substance	SM9020B	1	10	\$375.00	\$375.00
Iron Bacteria	SM9240B	1	10	\$90.00	\$90.00
J flag Report Charge	-	1	10	\$10.00	\$10.00
K Diss ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
K Total ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Langelier Index	varies	1	10	\$97.00	\$97.00
Langelier Saturation Index	LSI	1	10	\$10.00	\$10.00
MBAS- SM5540C	SM5540C	1	10	\$52.00	\$52.00
Mg Diss ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Mg DW ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Mn Diss ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Mn Total ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Mo Diss ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Mo Total ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
MTBE 8260	EPA 8260B	1	10	\$105.00	\$105.00

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Na Diss ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Na Total ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Ni Diss ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Ni Total ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Nitrate 300.0	EPA 300.0	1	10	\$20.00	\$20.00
Nitrate as N 300.0	EPA 300.0	1	10	\$20.00	\$20.00
Nitrite 300.0	EPA 300.0	1	10	\$20.00	\$20.00
Nitrite as N 300.0	EPA 300.0	1	10	\$20.00	\$20.00
Nitrogen, Org Calc	SM4500-N	1	10	\$10.00	\$10.00
Nitrogen, Organic	varies	1	10	\$75.00	\$75.00
Nitrogen, Total	varies	1	10	\$75.00	\$75.00
Nitrogen, Total Calc	Calculation	1	10	\$10.00	\$10.00
Nitrosodimethylamine (NDMA)	EPA 1625M	1	10	\$420.00	\$420.00
O&G (HEM)	EPA 1664A	1	10	\$75.00	\$75.00
Odor by EPA 140.1	EPA 140.1	1	10	\$15.00	\$15.00
Orthophosphate SM4500	SM4500-P E	1	10	\$30.00	\$30.00
Pb DW ICP/MS 200.8	EPA 200.8	1	10	\$20.00	\$20.00
Pb Total ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Perchlorate & Conductivity	varies	1	10	\$100.00	\$100.00
pH Water SM4500	SM4500-H+ B	1	10	\$15.00	\$15.00
Phenols-420.1	EPA 420.1	1	10	\$85.00	\$85.00
PhosphateTotal as P SM4500	SM4500-P E	1	10	\$30.00	\$30.00
PhosphateTotal SM4500	SM4500-P E	1	10	\$30.00	\$30.00
Phosphorus Diss SM4500	SM4500-P E	1	10	\$30.00	\$30.00
Phosphorus-SM4500	SM4500-P E	1	10	\$30.00	\$30.00
Radon	SM7500Rn	1	10	\$70.00	\$70.00

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Parameter	Method	Quantity	TAT (days)	Unit Price	Extended Price
Salinity	SM2520B	1	10	\$30.00	\$30.00
SAR	varies	1	10	\$47.00	\$47.00
SAR Calculation	SAR	1	10	\$10.00	\$10.00
Sb Diss ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Sb Total ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
SBOD-SM5210B	SM5210B	1	10	\$50.00	\$50.00
Se Total ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Silica by 4500SI	SM4500-SiO2 C	1	10	\$39.00	\$39.00
Solids, TDS-SM2540C	SM2540C	1	10	\$20.00	\$20.00
Solids, Total-SM2540B	SM2540B	1	10	\$20.00	\$20.00
Solids, TSS-SM2540D	SM2540D	1	10	\$20.00	\$20.00
Sulfate 300.0	EPA 300.0	1	10	\$20.00	\$20.00
Ti Total ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Tl Diss ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Tl Total ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
TOC-SM5310 Water	SM5310C	1	10	\$45.00	\$45.00
TOC-SM5310C	SM5310C	1	10	\$45.00	\$45.00
Total Kjeldahl Nitrogen	SM4500-Norg B	1	10	\$60.00	\$60.00
Total Residual Chlorine by SM4500CIF	SM4500-CI F	1	10	\$15.00	\$15.00
Total Sulfide-Sub to Accutest or BSK	SM4500-S DE	1	10	\$60.00	\$60.00
TPH D	8015DRO	1	10	\$125.00	\$125.00
TPH D/MO	8015DRO	1	10	\$125.00	\$125.00
TPH G	EPA 8015B	1	10	\$150.00	\$150.00
TPH G 8260	8260GRO	1	10	\$125.00	\$125.00
TPH G/Full List 8260	varies	1	10	\$155.00	\$155.00
Tributyltin	Battelle	1	10	\$350.00	\$350.00

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Parameter	Method	Quantity	TAT (days)	Unit Price	Extended Price
Trihalomethanes 524.2	EPA 524.2	1	10	\$110.00	\$110.00
Turbidity-2130B	SM2130B	1	10	\$15.00	\$15.00
V Diss ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
V Total ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Write On Complete	-	1	10	\$0.00	\$0.00
Write On Miscellaneous Analytes	-	1	10	\$10.00	\$10.00
Write On Partial List	-	1	10	\$10.00	\$10.00
Zn Diss ICP 200.7	EPA 200.7	1	10	\$20.00	\$20.00
Zn Total ICP 200.7	EPA 200.7	1	10	\$10.00	\$10.00
Wipe					
8260B Full List	EPA 8260B	1	10	\$140.00	\$140.00
8270 Regular List	EPA 8270C	1	10	\$275.00	\$275.00
CAM 16 TTLC Soil	varies	1	10	\$225.00	\$225.00
CAM 16 TTLC Water	varies	1	10	\$225.00	\$225.00
Composite Fee	-	1	10	\$15.00	\$15.00
Cyanide, Total	EPA 9014	1	10	\$95.00	\$95.00
Digest-Metals	-	1	10	\$10.00	\$10.00
Handling & Disposal	-	1	10	\$5.00	\$5.00
J flag Report Charge	-	1	10	\$10.00	\$10.00

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Bid Total:	\$30,789.00
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Stephen McWeeney
Project Manager



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624.1 CTR Volatiles consists of:

2-Chloroethyl Vinyl Ether by EPA 624	624.1 Acrolein	CTR 624.1 Volatiles
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64432 Primary Inorganics consists of:

Al DW ICP/MS 200.8	As DW ICP/MS 200.8	Ba DW ICP/MS 200.8
Be DW ICP/MS 200.8	Cd DW ICP/MS 200.8	Cr DW ICP/MS 200.8
Fluoride 300.0	Hg DW CVAA 245.1	Ni DW ICP/MS 200.8
Sb DW ICP/MS 200.8	Se DW ICP/MS 200.8	Tl DW ICP/MS 200.8

64449 A&B Secondary Stds consists of:

Ag DW ICP/MS 200.8	Aggressive Index	Alkalinity 2320B
Bicarbonate	Ca DW ICP 200.7	Carbonate
Chloride 300.0	Color-SM2120B	Conductivity
Cu DW ICP/MS 200.8	Fe DW ICP 200.7	Hardness Calc
Hydroxide	MBAS- SM5540C	Mg DW ICP 200.7
Mn DW ICP/MS 200.8	Na DW ICP 200.7	Odor by EPA 140.1
pH Water SM4500	Solids, TDS-SM2540C	Sulfate 300.0
Turbidity-2130B	Zn DW ICP/MS 200.8	

Ammonium consists of:

Ammonia as N	Ammonia Unionized	Ammonium Calculation
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BactQualLabWater consists of:

BQLW-Micro	Cd Total ICP/MS 200.8	Cr Total ICP/MS 200.8
Cu Total ICP/MS 200.8	Ni Total ICP/MS 200.8	Pb Total ICP/MS 200.8
Zn Total ICP/MS 200.8		

CAM 16 STLC Metals consists of:

Ag STLC 6010	As STLC 6010	Ba STLC 6010
Be STLC 6010	Cd STLC 6010	Co STLC 6010

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Cr STLC 6010	Cu STLC 6010	Mo STLC 6010
Ni STLC 6010	Pb STLC 6010	Sb STLC 6010
Se STLC 6010	Tl STLC 6010	V STLC 6010
Zn STLC 6010		
CAM 16 TTLC Soil consists of:		
Ag Total ICP 6010	As Total ICP 6010	Ba Total ICP 6010
Be Total ICP 6010	Cd Total ICP 6010	Co Total ICP 6010
Cr Total ICP 6010	Cu Total ICP 6010	Mo Total ICP 6010
Ni Total ICP 6010	Pb Total ICP 6010	Sb Total ICP 6010
Se Total ICP 6010	Tl Total ICP 6010	V Total ICP 6010
Zn Total ICP 6010		
CAM 16 TTLC Water consists of:		
Ag Total ICP 6010	As Total ICP 6010	Ba Total ICP 6010
Be Total ICP 6010	Cd Total ICP 6010	Co Total ICP 6010
Cr Total ICP 6010	Cu Total ICP 6010	Mo Total ICP 6010
Ni Total ICP 6010	Pb Total ICP 6010	Sb Total ICP 6010
Se Total ICP 6010	Tl Total ICP 6010	V Total ICP 6010
Zn Total ICP 6010		
CAM 17 Dissolved consists of:		
Ag Diss ICP 6010	As Diss ICP 6010	Ba Diss ICP 6010
Be Diss ICP 6010	Cd Diss ICP 6010	Co Diss ICP 6010
Cr Diss ICP 6010	Cu Diss ICP 6010	Hg Diss CVAA 7470
Mo Diss ICP 6010	Ni Diss ICP 6010	Pb Diss ICP 6010
Sb Diss ICP 6010	Se Diss ICP 6010	Tl Diss ICP 6010
V Diss ICP 6010	Zn Diss ICP 6010	

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CAM 17 TTLC Water consists of:

Ag Total ICP 6010	As Total ICP 6010	Ba Total ICP 6010
Be Total ICP 6010	Cd Total ICP 6010	Co Total ICP 6010
Cr Total ICP 6010	Cu Total ICP 6010	Hg Total CVAA 7470
Mo Total ICP 6010	Ni Total ICP 6010	Pb Total ICP 6010
Sb Total ICP 6010	Se Total ICP 6010	Tl Total ICP 6010
V Total ICP 6010	Zn Total ICP 6010	

Hardness, Total consists of:

Ca Total 200.7	Hardness Calc	Mg Total ICP 200.7
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Langelier Index consists of:

Alkalinity 2320B	Ca Total 200.7	Langelier Saturation Index
pH Water SM4500	Solids, TDS-SM2540C	

Nitrogen, Organic consists of:

Ammonia as N	Nitrogen, Org Calc	Total Kjeldahl Nitrogen
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Nitrogen, Total consists of:

Nitrate as N 300.0	Nitrite as N 300.0	Nitrogen, Total Calc
Total Kjeldahl Nitrogen		

Perchlorate & Conductivity consists of:

Conductivity	Perchlorate
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SAR consists of:

Ca Total 200.7	Mg Total ICP 200.7	Na Total ICP 200.7
SAR Calculation		

TPH G/Full List 8260 consists of:

8260B Full List	TPH G 8260
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Analytical Services Quotation

Contact: Walter Norosky
Client: Santa Rosa, City of - Utilities Dept.
Address: 4300 Llano Rd.
 Santa Rosa CA, 95407
Phone: (707) 543-4369
Project: 1 - Master Services List

Quoted: 1/3/2020
Effective: 12/06/19
Expires: 12/31/20

Turnaround Pricing

504.1 EDB/DBCP by EPA 504.1

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$120.00	\$126.00	\$132.00	\$138.00	\$144.00	\$150.00	\$168.00
3 days	2 days	1 day	Same Day			
\$180.00	\$210.00	\$240.00	\$360.00			

507 DHS Regulatory by EPA 507

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$135.00	\$141.75	\$148.50	\$155.25	\$162.00	\$168.75	\$189.00
3 days	2 days	1 day	Same Day			
\$202.50	\$236.25	\$270.00	\$405.00			

508 DHS Regulatory by EPA 508

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$135.00	\$141.75	\$148.50	\$155.25	\$162.00	\$168.75	\$189.00
3 days	2 days	1 day	Same Day			
\$202.50	\$236.25	\$270.00	\$405.00			

515.3 Herbicides by EPA 515.3

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$135.00	\$141.75	\$148.50	\$155.25	\$162.00	\$168.75	\$189.00
3 days	2 days	1 day	Same Day			
\$202.50	\$236.25	\$270.00	\$405.00			



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Turnaround Pricing

524.2 Regulated Compounds Only by EPA 524.2

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$100.00	\$105.00	\$110.00	\$115.00	\$120.00	\$125.00	\$140.00
3 days	2 days	1 day	Same Day			
\$150.00	\$175.00	\$200.00	\$300.00			

524.2 Volatiles by EPA 524.2

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$150.00	\$157.50	\$165.00	\$172.50	\$180.00	\$187.50	\$210.00
3 days	2 days	1 day	Same Day			
\$225.00	\$262.50	\$300.00	\$450.00			

123-TCP SUB FGL by EPA 524.2

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$145.00	\$152.25	\$159.50	\$166.75	\$174.00	\$181.25	\$203.00
3 days	2 days	1 day	Same Day			
\$217.50	\$253.75	\$290.00	\$435.00			

525 Semivolatiles by EPA 525.2

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$195.00	\$204.75	\$214.50	\$224.25	\$234.00	\$243.75	\$273.00
3 days	2 days	1 day	Same Day			
\$292.50	\$341.25	\$390.00	\$585.00			

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 Central Valley: 9090 Union Park Way Suite 113 | Elk Grove, CA 95624 | T: 916-686-5190 | F: 916-686-5192 | ELAP# 2922
 North Bay: 110 Liberty Street | Petaluma, CA 94952 | T: 707-769-3128 | F: 707-769-8093 | ELAP# 2303
 San Diego Service Center: 2722 Loker Avenue West Suite A | Carlsbad, CA 92010 | T: 760-930-2555 | F: 760-930-2510



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Turnaround Pricing

525.3 DDW SVOC by EPA 525.3

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$195.00	\$204.75	\$214.50	\$224.25	\$234.00	\$243.75	\$273.00
3 days	2 days	1 day	Same Day			
\$292.50	\$341.25	\$390.00	\$585.00			

531.1 DHS Regulatory by EPA 531.1

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$135.00	\$141.75	\$148.50	\$155.25	\$162.00	\$168.75	\$189.00
3 days	2 days	1 day	Same Day			
\$202.50	\$236.25	\$270.00	\$405.00			

547 Glyphosate by EPA 547

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$135.00	\$141.75	\$148.50	\$155.25	\$162.00	\$168.75	\$189.00
3 days	2 days	1 day	Same Day			
\$202.50	\$236.25	\$270.00	\$405.00			

548.1 Endothall by EPA 548.1

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$135.00	\$141.75	\$148.50	\$155.25	\$162.00	\$168.75	\$189.00
3 days	2 days	1 day	Same Day			
\$202.50	\$236.25	\$270.00	\$405.00			



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Turnaround Pricing

549.2 Diquat by EPA 549.2

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$135.00	\$141.75	\$148.50	\$155.25	\$162.00	\$168.75	\$189.00
3 days	2 days	1 day	Same Day			
\$202.50	\$236.25	\$270.00	\$405.00			

CTR 608.3 Pest/PCB by EPA 608.3

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$250.00	\$262.50	\$275.00	\$287.50	\$300.00	\$312.50	\$350.00
3 days	2 days	1 day	Same Day			
\$375.00	\$437.50	\$500.00	\$750.00			

CTR PNAs by EPA 8310 by EPA 8310

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$275.00	\$288.75	\$302.50	\$316.25	\$330.00	\$343.75	\$385.00
3 days	2 days	1 day	Same Day			
\$412.50	\$481.25	\$550.00	\$825.00			

610 PNAs by EPA 610

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$275.00	\$288.75	\$302.50	\$316.25	\$330.00	\$343.75	\$385.00
3 days	2 days	1 day	Same Day			
\$412.50	\$481.25	\$550.00	\$825.00			



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Turnaround Pricing

CTR chlorpyrifos by EPA 614 by EPA 614

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$140.00	\$147.00	\$154.00	\$161.00	\$168.00	\$175.00	\$196.00
3 days	2 days	1 day	Same Day			
\$210.00	\$245.00	\$280.00	\$420.00			

CTR diazinon by EPA 614 by EPA 614

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$140.00	\$147.00	\$154.00	\$161.00	\$168.00	\$175.00	\$196.00
3 days	2 days	1 day	Same Day			
\$210.00	\$245.00	\$280.00	\$420.00			

2-Chloroethyl Vinyl Ether by EPA 624.1 by EPA 624.1

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$195.00	\$204.75	\$214.50	\$224.25	\$234.00	\$243.75	\$273.00
3 days	2 days	1 day	Same Day			
\$292.50	\$341.25	\$390.00	\$585.00			

624.1 CTR Volatiles by varies

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$195.00	\$204.75	\$214.50	\$224.25	\$234.00	\$243.75	\$273.00
3 days	2 days	1 day	Same Day			
\$292.50	\$341.25	\$390.00	\$585.00			



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Turnaround Pricing

624.1 Volatiles by EPA 624.1

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$195.00	\$204.75	\$214.50	\$224.25	\$234.00	\$243.75	\$273.00
3 days	2 days	1 day	Same Day			
\$292.50	\$341.25	\$390.00	\$585.00			

CTR Semi-Volatile by EPA 625.1 by EPA 625.1

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$375.00	\$393.75	\$412.50	\$431.25	\$450.00	\$468.75	\$525.00
3 days	2 days	1 day	Same Day			
\$562.50	\$656.25	\$750.00	\$1,125.00			

632 Diuron by EPA 632

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$225.00	\$236.25	\$247.50	\$258.75	\$270.00	\$281.25	\$315.00
3 days	2 days	1 day	Same Day			
\$337.50	\$393.75	\$450.00	\$675.00			

64432 Primary Inorganics by varies

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$150.00	\$157.50	\$165.00	\$172.50	\$180.00	\$187.50	\$210.00
3 days	2 days	1 day	Same Day			
\$225.00	\$262.50	\$300.00	\$450.00			

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Turnaround Pricing

64449 A&B Secondary Stds by varies

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$195.00	\$204.75	\$214.50	\$224.25	\$234.00	\$243.75	\$273.00
3 days	2 days	1 day	Same Day			
\$292.50	\$341.25	\$390.00	\$585.00			

8080 Pest/PCB Water by EPA 8081A/8082

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$140.00	\$147.00	\$154.00	\$161.00	\$168.00	\$175.00	\$196.00
3 days	2 days	1 day	Same Day			
\$210.00	\$245.00	\$280.00	\$420.00			

8141A OPP by EPA 8141A

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$140.00	\$147.00	\$154.00	\$161.00	\$168.00	\$175.00	\$196.00
3 days	2 days	1 day	Same Day			
\$210.00	\$245.00	\$280.00	\$420.00			

8260B Full List by EPA 8260B

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$140.00	\$147.00	\$154.00	\$161.00	\$168.00	\$175.00	\$196.00
3 days	2 days	1 day	Same Day			
\$210.00	\$245.00	\$280.00	\$420.00			



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Turnaround Pricing

8270 PNAs by EPA 8270C

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$250.00	\$262.50	\$275.00	\$287.50	\$300.00	\$312.50	\$350.00
3 days	2 days	1 day	Same Day			
\$375.00	\$437.50	\$500.00	\$750.00			

8270 PNAsSIM by EPA 8270SIM

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$250.00	\$262.50	\$275.00	\$287.50	\$300.00	\$312.50	\$350.00
3 days	2 days	1 day	Same Day			
\$375.00	\$437.50	\$500.00	\$750.00			

8270 PNAsSIM by EPA 8270SIM

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$250.00	\$262.50	\$275.00	\$287.50	\$300.00	\$312.50	\$350.00
3 days	2 days	1 day	Same Day			
\$375.00	\$437.50	\$500.00	\$750.00			

8270 Regular List by EPA 8270C

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$275.00	\$288.75	\$302.50	\$316.25	\$330.00	\$343.75	\$385.00
3 days	2 days	1 day	Same Day			
\$412.50	\$481.25	\$550.00	\$825.00			



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Turnaround Pricing

Acidity SM2310B by SM2310B

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Ag Diss ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Ag Total ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Aggressive Index by AWWA

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$10.00	\$10.50	\$11.00	\$11.50	\$12.00	\$12.50	\$14.00
3 days	2 days	1 day	Same Day			
\$15.00	\$17.50	\$20.00	\$30.00			



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Turnaround Pricing

Al Diss ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Al Total ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Alkalinity 2320B by SM2320B

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Ammonia by SM4500NH3B,C

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$25.00	\$26.25	\$27.50	\$28.75	\$30.00	\$31.25	\$35.00
3 days	2 days	1 day	Same Day			
\$37.50	\$43.75	\$50.00	\$75.00			



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Turnaround Pricing

Ammonia as N by SM4500NH3B,C

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$25.00	\$26.25	\$27.50	\$28.75	\$30.00	\$31.25	\$35.00
3 days	2 days	1 day	Same Day			
\$37.50	\$43.75	\$50.00	\$75.00			

Ammonia Unionized by EPA600/3-79-091

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$25.00	\$26.25	\$27.50	\$28.75	\$30.00	\$31.25	\$35.00
3 days	2 days	1 day	Same Day			
\$37.50	\$43.75	\$50.00	\$75.00			

Ammonium by varies

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$120.00	\$126.00	\$132.00	\$138.00	\$144.00	\$150.00	\$168.00
3 days	2 days	1 day	Same Day			
\$180.00	\$210.00	\$240.00	\$360.00			

As Total ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			



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Turnaround Pricing

Asbestos TEM WW by EPA 100.2

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$295.00	\$309.75	\$324.50	\$339.25	\$354.00	\$368.75	\$413.00
3 days	2 days	1 day	Same Day			
\$442.50	\$516.25	\$590.00	\$885.00			

Asbestos-Water SUB Asbestos TEM by EPA 100.2

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$300.00	\$315.00	\$330.00	\$345.00	\$360.00	\$375.00	\$420.00
3 days	2 days	1 day	Same Day			
\$450.00	\$525.00	\$600.00	\$900.00			

Asbestos-Bulk Standard SUB Asbestos TEM by EPA600/R-93-116

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$145.00	\$152.25	\$159.50	\$166.75	\$174.00	\$181.25	\$203.00
3 days	2 days	1 day	Same Day			
\$217.50	\$253.75	\$290.00	\$435.00			

B Diss ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			



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Turnaround Pricing

B Total ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Ba Diss ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Ba Total ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

BactQualLabWater by varies

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$560.00	\$588.00	\$616.00	\$644.00	\$672.00	\$700.00	\$784.00
3 days	2 days	1 day	Same Day			
\$840.00	\$980.00	\$1,120.00	\$1,680.00			



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Analytical Services Quotation

Contact: Walter Norosky
Client: Santa Rosa, City of - Utilities Dept.
Address: 4300 Llano Rd.
 Santa Rosa CA, 95407
Phone: (707) 543-4369
Project: 1 - Master Services List

Quoted: 1/3/2020
Effective: 12/06/19
Expires: 12/31/20

Turnaround Pricing

Be Diss ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Be Total ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Bicarbonate by SM2320B

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Bioassay RT Non-renewal by EPA-821-R-02-012

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$350.00	\$367.50	\$385.00	\$402.50	\$420.00	\$437.50	\$490.00
3 days	2 days	1 day	Same Day			
\$525.00	\$612.50	\$700.00	\$1,050.00			



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Expires: 12/31/20

Turnaround Pricing

Bioassay %Sv RT by EPA-821-R-02-012

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$550.00	\$577.50	\$605.00	\$632.50	\$660.00	\$687.50	\$770.00
3 days	2 days	1 day	Same Day			
\$825.00	\$962.50	\$1,100.00	\$1,650.00			

SBOD-SM5210B by SM5210B

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$50.00	\$52.50	\$55.00	\$57.50	\$60.00	\$62.50	\$70.00
3 days	2 days	1 day	Same Day			
\$75.00	\$87.50	\$100.00	\$150.00			

BOD-SM5210B by SM5210B

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$45.00	\$47.25	\$49.50	\$51.75	\$54.00	\$56.25	\$63.00
3 days	2 days	1 day	Same Day			
\$67.50	\$78.75	\$90.00	\$135.00			

BTEX 8260 by EPA 8260B

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$105.00	\$110.25	\$115.50	\$120.75	\$126.00	\$131.25	\$147.00
3 days	2 days	1 day	Same Day			
\$157.50	\$183.75	\$210.00	\$315.00			

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 Central Valley: 9090 Union Park Way Suite 113 | Elk Grove, CA 95624 | T: 916-686-5190 | F: 916-686-5192 | ELAP# 2922
 North Bay: 110 Liberty Street | Petaluma, CA 94952 | T: 707-769-3128 | F: 707-769-8093 | ELAP# 2303
 San Diego Service Center: 2722 Loker Avenue West Suite A | Carlsbad, CA 92010 | T: 760-930-2555 | F: 760-930-2510



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Expires: 12/31/20

Turnaround Pricing

Ca Diss 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Ca Total 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

CAM 16 STLC Metals by varies

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$225.00	\$236.25	\$247.50	\$258.75	\$270.00	\$281.25	\$315.00
3 days	2 days	1 day	Same Day			
\$337.50	\$393.75	\$450.00	\$675.00			

CAM 16 TTLC Soil by varies

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$225.00	\$236.25	\$247.50	\$258.75	\$270.00	\$281.25	\$315.00
3 days	2 days	1 day	Same Day			
\$337.50	\$393.75	\$450.00	\$675.00			



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Turnaround Pricing

CAM 16 TTLC Water by varies

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$225.00	\$236.25	\$247.50	\$258.75	\$270.00	\$281.25	\$315.00
3 days	2 days	1 day	Same Day			
\$337.50	\$393.75	\$450.00	\$675.00			

CAM 17 Dissolved by varies

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$250.00	\$262.50	\$275.00	\$287.50	\$300.00	\$312.50	\$350.00
3 days	2 days	1 day	Same Day			
\$375.00	\$437.50	\$500.00	\$750.00			

CAM 17 TTLC Water by varies

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$250.00	\$262.50	\$275.00	\$287.50	\$300.00	\$312.50	\$350.00
3 days	2 days	1 day	Same Day			
\$375.00	\$437.50	\$500.00	\$750.00			

Carbonate by SM2320B

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			



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Turnaround Pricing

Cd Diss ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Cd Total ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Chlorate by EPA 300.0 by EPA 300.1

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$65.00	\$68.25	\$71.50	\$74.75	\$78.00	\$81.25	\$91.00
3 days	2 days	1 day	Same Day			
\$97.50	\$113.75	\$130.00	\$195.00			

Total Residual Chlorine by SM4500CIF by SM4500-CI F

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$15.00	\$15.75	\$16.50	\$17.25	\$18.00	\$18.75	\$21.00
3 days	2 days	1 day	Same Day			
\$22.50	\$26.25	\$30.00	\$45.00			



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Turnaround Pricing

Chlorophyll-A by SM10200H

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$95.00	\$99.75	\$104.50	\$109.25	\$114.00	\$118.75	\$133.00
3 days	2 days	1 day	Same Day			
\$142.50	\$166.25	\$190.00	\$285.00			

Co Diss ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Co Total ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

COD-SM5220D by SM5220D

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$30.00	\$31.50	\$33.00	\$34.50	\$36.00	\$37.50	\$42.00
3 days	2 days	1 day	Same Day			
\$45.00	\$52.50	\$60.00	\$90.00			



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Turnaround Pricing

Coliform, E. coli by SM9223B

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$40.00	\$42.00	\$44.00	\$46.00	\$48.00	\$50.00	\$56.00
3 days	2 days	1 day	Same Day			
\$60.00	\$70.00	\$80.00	\$120.00			

Coliform, Fecal 15 Tube by SM9221

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$40.00	\$42.00	\$44.00	\$46.00	\$48.00	\$50.00	\$56.00
3 days	2 days	1 day	Same Day			
\$60.00	\$70.00	\$80.00	\$120.00			

Coliform, Fecal High Dilution by SM9221

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$125.00	\$131.25	\$137.50	\$143.75	\$150.00	\$156.25	\$175.00
3 days	2 days	1 day	Same Day			
\$187.50	\$218.75	\$250.00	\$375.00			

Coliform, Total 15 Tube by SM9221

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$40.00	\$42.00	\$44.00	\$46.00	\$48.00	\$50.00	\$56.00
3 days	2 days	1 day	Same Day			
\$60.00	\$70.00	\$80.00	\$120.00			



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Expires: 12/31/20

Turnaround Pricing

Coliform, Total by SM9223B

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$40.00	\$42.00	\$44.00	\$46.00	\$48.00	\$50.00	\$56.00
3 days	2 days	1 day	Same Day			
\$60.00	\$70.00	\$80.00	\$120.00			

Coliform, Total High Dilution by SM9221

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$125.00	\$131.25	\$137.50	\$143.75	\$150.00	\$156.25	\$175.00
3 days	2 days	1 day	Same Day			
\$187.50	\$218.75	\$250.00	\$375.00			

Color-SM2120B by SM2120B

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$15.00	\$15.75	\$16.50	\$17.25	\$18.00	\$18.75	\$21.00
3 days	2 days	1 day	Same Day			
\$22.50	\$26.25	\$30.00	\$45.00			

Composite Fee by -

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$15.00	\$15.75	\$16.50	\$17.25	\$18.00	\$18.75	\$21.00
3 days	2 days	1 day	Same Day			
\$22.50	\$26.25	\$30.00	\$45.00			



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Turnaround Pricing

Conductivity by EPA 120.1

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$15.00	\$15.75	\$16.50	\$17.25	\$18.00	\$18.75	\$21.00
3 days	2 days	1 day	Same Day			
\$22.50	\$26.25	\$30.00	\$45.00			

Cr Diss 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Cr Total ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Cr Total Low Level by Cr

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$125.00	\$131.25	\$137.50	\$143.75	\$150.00	\$156.25	\$175.00
3 days	2 days	1 day	Same Day			
\$187.50	\$218.75	\$250.00	\$375.00			



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Turnaround Pricing

Cr6 218.6 by EPA 218.6

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$125.00	\$131.25	\$137.50	\$143.75	\$150.00	\$156.25	\$175.00
3 days	2 days	1 day	Same Day			
\$187.50	\$218.75	\$250.00	\$375.00			

Cr6 3500CrB Water by SM3500-Cr B

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$65.00	\$68.25	\$71.50	\$74.75	\$78.00	\$81.25	\$91.00
3 days	2 days	1 day	Same Day			
\$97.50	\$113.75	\$130.00	\$195.00			

Cr6 7196A Water by EPA 7196A

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$65.00	\$68.25	\$71.50	\$74.75	\$78.00	\$81.25	\$91.00
3 days	2 days	1 day	Same Day			
\$97.50	\$113.75	\$130.00	\$195.00			

Cu Diss 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			



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Turnaround Pricing

Cu Total ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Cyanide, Dissolved by 10-204-00-1X

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$95.00	\$99.75	\$104.50	\$109.25	\$114.00	\$118.75	\$133.00
3 days	2 days	1 day	Same Day			
\$142.50	\$166.25	\$190.00	\$285.00			

Cyanide, Total by 10-204-00-1X

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$95.00	\$99.75	\$104.50	\$109.25	\$114.00	\$118.75	\$133.00
3 days	2 days	1 day	Same Day			
\$142.50	\$166.25	\$190.00	\$285.00			

Digest-Metals by -

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$10.00	\$10.50	\$11.00	\$11.50	\$12.00	\$12.50	\$14.00
3 days	2 days	1 day	Same Day			
\$15.00	\$17.50	\$20.00	\$30.00			



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Turnaround Pricing

Dioxin 2378 TCDD by EPA 8290

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$395.00	\$414.75	\$434.50	\$454.25	\$474.00	\$493.75	\$553.00
3 days	2 days	1 day	Same Day			
\$592.50	\$691.25	\$790.00	\$1,185.00			

Dioxin 2378 TCDD by EPA 1613A

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$500.00	\$525.00	\$550.00	\$575.00	\$600.00	\$625.00	\$700.00
3 days	2 days	1 day	Same Day			
\$750.00	\$875.00	\$1,000.00	\$1,500.00			

Dioxin Low Level by EPA 8290

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$745.00	\$782.25	\$819.50	\$856.75	\$894.00	\$931.25	\$1,043.00
3 days	2 days	1 day	Same Day			
\$1,117.50	\$1,303.75	\$1,490.00	\$2,235.00			

Dioxins Full List by EPA 1613A

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$1,000.00	\$1,050.00	\$1,100.00	\$1,150.00	\$1,200.00	\$1,250.00	\$1,400.00
3 days	2 days	1 day	Same Day			
\$1,500.00	\$1,750.00	\$2,000.00	\$3,000.00			



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Turnaround Pricing

DOC-SM5310 by SM5310C

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$50.00	\$52.50	\$55.00	\$57.50	\$60.00	\$62.50	\$70.00
3 days	2 days	1 day	Same Day			
\$75.00	\$87.50	\$100.00	\$150.00			

Fe Diss ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Fe Total ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Fecal Strep-SM9230 by SM9230B

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$70.00	\$73.50	\$77.00	\$80.50	\$84.00	\$87.50	\$98.00
3 days	2 days	1 day	Same Day			
\$105.00	\$122.50	\$140.00	\$210.00			



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Analytical Services Quotation

Contact: Walter Norosky
Client: Santa Rosa, City of - Utilities Dept.
Address: 4300 Llano Rd.
 Santa Rosa CA, 95407
Phone: (707) 543-4369
Project: 1 - Master Services List

Quoted: 1/3/2020
Effective: 12/06/19
Expires: 12/31/20

Turnaround Pricing

Fecal Strep - Hi Dil - SM9230 by SM9230B

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$155.00	\$162.75	\$170.50	\$178.25	\$186.00	\$193.75	\$217.00
3 days	2 days	1 day	Same Day			
\$232.50	\$271.25	\$310.00	\$465.00			

Filtration by -

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$10.00	\$10.50	\$11.00	\$11.50	\$12.00	\$12.50	\$14.00
3 days	2 days	1 day	Same Day			
\$15.00	\$17.50	\$20.00	\$30.00			

Fluoride 300.0 by EPA 300.0

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Gross Alpha SUB by EPA 900.0

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$85.00	\$89.25	\$93.50	\$97.75	\$102.00	\$106.25	\$119.00
3 days	2 days	1 day	Same Day			
\$127.50	\$148.75	\$170.00	\$255.00			



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Turnaround Pricing

Haloacetic Acids by EPA 552.2

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$130.00	\$136.50	\$143.00	\$149.50	\$156.00	\$162.50	\$182.00
3 days	2 days	1 day	Same Day			
\$195.00	\$227.50	\$260.00	\$390.00			

Handling & Disposal by -

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$5.00	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00
3 days	2 days	1 day	Same Day			
\$5.00	\$5.00	\$5.00	\$5.00			

Hardness Calc by SM2340B

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$6.00	\$6.30	\$6.60	\$6.90	\$7.20	\$7.50	\$8.40
3 days	2 days	1 day	Same Day			
\$9.00	\$10.50	\$12.00	\$18.00			

Hardness, Total by varies

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$46.00	\$48.30	\$50.60	\$52.90	\$55.20	\$57.50	\$64.40
3 days	2 days	1 day	Same Day			
\$69.00	\$80.50	\$92.00	\$138.00			



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Turnaround Pricing

Het PC Water Non-SDWA by SM9215B

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$45.00	\$47.25	\$49.50	\$51.75	\$54.00	\$56.25	\$63.00
3 days	2 days	1 day	Same Day			
\$67.50	\$78.75	\$90.00	\$135.00			

Hg LL CVAA Total 245.1 by EPA 245.1

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$50.00	\$52.50	\$55.00	\$57.50	\$60.00	\$62.50	\$70.00
3 days	2 days	1 day	Same Day			
\$75.00	\$87.50	\$100.00	\$150.00			

Hg Total CVAA 245.1 by EPA 245.1

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$50.00	\$52.50	\$55.00	\$57.50	\$60.00	\$62.50	\$70.00
3 days	2 days	1 day	Same Day			
\$75.00	\$87.50	\$100.00	\$150.00			

Inhibitory Substance by SM9020B

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$375.00	\$393.75	\$412.50	\$431.25	\$450.00	\$468.75	\$525.00
3 days	2 days	1 day	Same Day			
\$562.50	\$656.25	\$750.00	\$1,125.00			



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Turnaround Pricing

Iron Bacteria by SM9240B

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$90.00	\$94.50	\$99.00	\$103.50	\$108.00	\$112.50	\$126.00
3 days	2 days	1 day	Same Day			
\$135.00	\$157.50	\$180.00	\$270.00			

J flag Report Charge by -

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00
3 days	2 days	1 day	Same Day			
\$10.00	\$10.00	\$10.00	\$10.00			

K Diss ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

K Total ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			



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Turnaround Pricing

Langelier Saturation Index by LSI

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$10.00	\$10.50	\$11.00	\$11.50	\$12.00	\$12.50	\$14.00
3 days	2 days	1 day	Same Day			
\$15.00	\$17.50	\$20.00	\$30.00			

Langelier Index by varies

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$97.00	\$101.85	\$106.70	\$111.55	\$116.40	\$121.25	\$135.80
3 days	2 days	1 day	Same Day			
\$145.50	\$169.75	\$194.00	\$291.00			

MBAS- SM5540C by SM5540C

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$52.00	\$54.60	\$57.20	\$59.80	\$62.40	\$65.00	\$72.80
3 days	2 days	1 day	Same Day			
\$78.00	\$91.00	\$104.00	\$156.00			

Mg Diss ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			



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Turnaround Pricing

Mg DW ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Mn Diss ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Mn Total ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Mo Diss ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			



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Turnaround Pricing

Mo Total ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

MTBE 8260 by EPA 8260B

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$105.00	\$110.25	\$115.50	\$120.75	\$126.00	\$131.25	\$147.00
3 days	2 days	1 day	Same Day			
\$157.50	\$183.75	\$210.00	\$315.00			

Na Diss ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Na Total ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			



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Turnaround Pricing

TPH G by EPA 8015B

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$150.00	\$157.50	\$165.00	\$172.50	\$180.00	\$187.50	\$210.00
3 days	2 days	1 day	Same Day			
\$225.00	\$262.50	\$300.00	\$450.00			

Ni Diss ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Ni Total ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Nitrate 300.0 by EPA 300.0

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			



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Turnaround Pricing

Nitrate as N 300.0 by EPA 300.0

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Nitrite 300.0 by EPA 300.0

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Nitrite as N 300.0 by EPA 300.0

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Nitrogen, Org Calc by SM4500-N

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$10.00	\$10.50	\$11.00	\$11.50	\$12.00	\$12.50	\$14.00
3 days	2 days	1 day	Same Day			
\$15.00	\$17.50	\$20.00	\$30.00			



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Turnaround Pricing

Nitrogen, Organic by varies

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$75.00	\$78.75	\$82.50	\$86.25	\$90.00	\$93.75	\$105.00
3 days	2 days	1 day	Same Day			
\$112.50	\$131.25	\$150.00	\$225.00			

Nitrogen, Total by varies

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$75.00	\$78.75	\$82.50	\$86.25	\$90.00	\$93.75	\$105.00
3 days	2 days	1 day	Same Day			
\$112.50	\$131.25	\$150.00	\$225.00			

Nitrogen, Total Calc by Calculation

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$10.00	\$10.50	\$11.00	\$11.50	\$12.00	\$12.50	\$14.00
3 days	2 days	1 day	Same Day			
\$15.00	\$17.50	\$20.00	\$30.00			

Nitrosodimethylamine (NDMA) by EPA 1625M

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$420.00	\$441.00	\$462.00	\$483.00	\$504.00	\$525.00	\$588.00
3 days	2 days	1 day	Same Day			
\$630.00	\$735.00	\$840.00	\$1,260.00			



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Turnaround Pricing

O&G (HEM) by EPA 1664A

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$75.00	\$78.75	\$82.50	\$86.25	\$90.00	\$93.75	\$105.00
3 days	2 days	1 day	Same Day			
\$112.50	\$131.25	\$150.00	\$225.00			

Odor by EPA 140.1 by EPA 140.1

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$15.00	\$15.75	\$16.50	\$17.25	\$18.00	\$18.75	\$21.00
3 days	2 days	1 day	Same Day			
\$22.50	\$26.25	\$30.00	\$45.00			

Orthophosphate SM4500 by SM4500-P E

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$30.00	\$31.50	\$33.00	\$34.50	\$36.00	\$37.50	\$42.00
3 days	2 days	1 day	Same Day			
\$45.00	\$52.50	\$60.00	\$90.00			

Pb DW ICP/MS 200.8 by EPA 200.8

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			



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Turnaround Pricing

Pb Total ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Perchlorate & Conductivity by varies

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$100.00	\$105.00	\$110.00	\$115.00	\$120.00	\$125.00	\$140.00
3 days	2 days	1 day	Same Day			
\$150.00	\$175.00	\$200.00	\$300.00			

pH Water SM4500 by SM4500-H+ B

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$15.00	\$15.75	\$16.50	\$17.25	\$18.00	\$18.75	\$21.00
3 days	2 days	1 day	Same Day			
\$22.50	\$26.25	\$30.00	\$45.00			

Phenols-420.1 by EPA 420.1

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$85.00	\$89.25	\$93.50	\$97.75	\$102.00	\$106.25	\$119.00
3 days	2 days	1 day	Same Day			
\$127.50	\$148.75	\$170.00	\$255.00			



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Turnaround Pricing

Phosphate Total as P SM4500 by SM4500-P E

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$30.00	\$31.50	\$33.00	\$34.50	\$36.00	\$37.50	\$42.00
3 days	2 days	1 day	Same Day			
\$45.00	\$52.50	\$60.00	\$90.00			

Phosphate Total SM4500 by SM4500-P E

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$30.00	\$31.50	\$33.00	\$34.50	\$36.00	\$37.50	\$42.00
3 days	2 days	1 day	Same Day			
\$45.00	\$52.50	\$60.00	\$90.00			

Phosphorus Diss SM4500 by SM4500-P E

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$30.00	\$31.50	\$33.00	\$34.50	\$36.00	\$37.50	\$42.00
3 days	2 days	1 day	Same Day			
\$45.00	\$52.50	\$60.00	\$90.00			

Phosphorus-SM4500 by SM4500-P E

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$30.00	\$31.50	\$33.00	\$34.50	\$36.00	\$37.50	\$42.00
3 days	2 days	1 day	Same Day			
\$45.00	\$52.50	\$60.00	\$90.00			



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Turnaround Pricing

Radon by SM7500Rn

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$70.00	\$73.50	\$77.00	\$80.50	\$84.00	\$87.50	\$98.00
3 days	2 days	1 day	Same Day			
\$105.00	\$122.50	\$140.00	\$210.00			

Salinity by SM2520B

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$30.00	\$31.50	\$33.00	\$34.50	\$36.00	\$37.50	\$42.00
3 days	2 days	1 day	Same Day			
\$45.00	\$52.50	\$60.00	\$90.00			

SAR by varies

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$47.00	\$49.35	\$51.70	\$54.05	\$56.40	\$58.75	\$65.80
3 days	2 days	1 day	Same Day			
\$70.50	\$82.25	\$94.00	\$141.00			

SAR Calculation by SAR

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$10.00	\$10.50	\$11.00	\$11.50	\$12.00	\$12.50	\$14.00
3 days	2 days	1 day	Same Day			
\$15.00	\$17.50	\$20.00	\$30.00			



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Analytical Services Quotation

Contact: Walter Norosky
Client: Santa Rosa, City of - Utilities Dept.
Address: 4300 Llano Rd.
 Santa Rosa CA, 95407
Phone: (707) 543-4369
Project: 1 - Master Services List

Quoted: 1/3/2020
Effective: 12/06/19
Expires: 12/31/20

Turnaround Pricing

Sb Diss ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Sb Total ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$20.00	\$20.00	\$20.00	\$20.00	\$25.00	\$25.00
3 days	2 days	1 day	Same Day			
\$25.00	\$30.00	\$40.00	\$60.00			

Se Total ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Silica by 4500SI by SM4500-SiO2 C

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$39.00	\$40.95	\$42.90	\$44.85	\$46.80	\$48.75	\$54.60
3 days	2 days	1 day	Same Day			
\$58.50	\$68.25	\$78.00	\$117.00			



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Turnaround Pricing

Solids, TDS-SM2540C by SM2540C

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Solids, Total-SM2540B by SM2540B

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Solids, TSS-SM2540D by SM2540D

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Sulfate 300.0 by EPA 300.0

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			



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Turnaround Pricing

Total Sulfide-Sub to Accutest or BSK by SM4500-S DE

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$60.00	\$63.00	\$66.00	\$69.00	\$72.00	\$75.00	\$84.00
3 days	2 days	1 day	Same Day			
\$90.00	\$105.00	\$120.00	\$180.00			

Ti Total ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Total Kjeldahl Nitrogen by SM4500-Norg B

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$60.00	\$63.00	\$66.00	\$69.00	\$72.00	\$75.00	\$84.00
3 days	2 days	1 day	Same Day			
\$90.00	\$105.00	\$120.00	\$180.00			

Ti Diss ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			



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Turnaround Pricing

TI Total ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

TOC-9060 Soil - Sub Test America by EPA 9060

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$150.00	\$157.50	\$165.00	\$172.50	\$180.00	\$187.50	\$210.00
3 days	2 days	1 day	Same Day			
\$225.00	\$262.50	\$300.00	\$450.00			

TOC-SM5310 Water by SM5310C

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$45.00	\$47.25	\$49.50	\$51.75	\$54.00	\$56.25	\$63.00
3 days	2 days	1 day	Same Day			
\$67.50	\$78.75	\$90.00	\$135.00			

TOC-SM5310C by SM5310C

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$45.00	\$47.25	\$49.50	\$51.75	\$54.00	\$56.25	\$63.00
3 days	2 days	1 day	Same Day			
\$67.50	\$78.75	\$90.00	\$135.00			



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Turnaround Pricing

TPH D by 8015DRO

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$125.00	\$131.25	\$137.50	\$143.75	\$150.00	\$156.25	\$175.00
3 days	2 days	1 day	Same Day			
\$187.50	\$218.75	\$250.00	\$375.00			

TPH D/MO by 8015DRO

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$125.00	\$131.25	\$137.50	\$143.75	\$150.00	\$156.25	\$175.00
3 days	2 days	1 day	Same Day			
\$187.50	\$218.75	\$250.00	\$375.00			

TPH G 8260 by 8260GRO

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$125.00	\$131.25	\$137.50	\$143.75	\$150.00	\$156.25	\$175.00
3 days	2 days	1 day	Same Day			
\$187.50	\$218.75	\$250.00	\$375.00			

TPH G/Full List 8260 by varies

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$155.00	\$162.75	\$170.50	\$178.25	\$186.00	\$193.75	\$217.00
3 days	2 days	1 day	Same Day			
\$232.50	\$271.25	\$310.00	\$465.00			



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Turnaround Pricing

Tributyltin by Battelle

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$350.00	\$367.50	\$385.00	\$402.50	\$420.00	\$437.50	\$490.00
3 days	2 days	1 day	Same Day			
\$525.00	\$612.50	\$700.00	\$1,050.00			

Trihalomethanes 524.2 by EPA 524.2

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$110.00	\$115.50	\$121.00	\$126.50	\$132.00	\$137.50	\$154.00
3 days	2 days	1 day	Same Day			
\$165.00	\$192.50	\$220.00	\$330.00			

Turbidity-2130B by SM2130B

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$15.00	\$15.75	\$16.50	\$17.25	\$18.00	\$18.75	\$21.00
3 days	2 days	1 day	Same Day			
\$22.50	\$26.25	\$30.00	\$45.00			

V Diss ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			



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Turnaround Pricing

V Total ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Write On Complete by -

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3 days	2 days	1 day	Same Day			
\$0.00	\$0.00	\$0.00	\$0.00			

Write On Miscellaneous Analytes by -

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00
3 days	2 days	1 day	Same Day			
\$10.00	\$10.00	\$10.00	\$10.00			

Write On Partial List by -

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00
3 days	2 days	1 day	Same Day			
\$10.00	\$10.00	\$10.00	\$10.00			



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Turnaround Pricing

Zn Diss ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$28.00
3 days	2 days	1 day	Same Day			
\$30.00	\$35.00	\$40.00	\$60.00			

Zn Total ICP 200.7 by EPA 200.7

10 days	9 days	8 days	7 days	6 days	5 days	4 days
\$10.00	\$10.50	\$11.00	\$11.50	\$12.00	\$12.50	\$14.00
3 days	2 days	1 day	Same Day			
\$15.00	\$17.50	\$20.00	\$30.00			



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Analysis Details								
Analyte	MDL	Reporting Limit	Surrogate %R	Dup RPD	Matrix Spike %R	RPD	Blank Spike %R	RPD
Bioassay RT Non-renewal in Water (EPA-821-R-02-012)								
Rainbow Trout Survival	0.0		0.0 %					
Bioassay %Sv RT in Water (EPA-821-R-02-012)								
Rainbow Trout Survival	0.0		0.0 %					
Metals (Drinking Water) by EPA 200 Series Methods								
Ca DW ICP 200.7 in Water (EPA 200.7)								
Calcium	0.080		1.0 mg/L	20	70 - 130	20	85 - 115	20
Fe DW ICP 200.7 in Water (EPA 200.7)								
Iron	50		100 ug/L	20	70 - 130	20	85 - 115	20
Hg DW CVAA 245.1 in Water (EPA 245.1)								
Mercury	0.060		1.0 ug/L	20	70 - 130	20	85 - 115	20
Mg DW ICP 200.7 in Water (EPA 200.7)								
Magnesium	0.030		1.0 mg/L	20	70 - 130	20	85 - 115	20
Magnesium	0.030		1.0 mg/L	20	70 - 130	20	85 - 115	20
Na DW ICP 200.7 in Water (EPA 200.7)								
Sodium	0.40		1.0 mg/L	20	70 - 130	20	85 - 115	20
Metals by EPA 200 Series Methods								
Ag Total ICP 200.7 in Water (EPA 200.7)								
Silver	0.0040		0.010 mg/L	20	70 - 130	20	85 - 115	20
Al Total ICP 200.7 in Water (EPA 200.7)								
Aluminum	0.020		0.050 mg/L	20	70 - 130	20	85 - 115	20

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 North Bay: 110 Liberty Street | Petaluma, CA 94952 | T: 707-769-3128 | F: 707-769-8093 | ELAP# 2303
 San Diego Service Center: 2722 Loker Avenue West Suite A | Carlsbad, CA 92010 | T: 760-930-2555 | F: 760-930-2510



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As Total ICP 200.7 in Water (EPA 200.7)							
Arsenic	0.0040	0.010 mg/L	20	70 - 130	20	85 - 115	20
B Total ICP 200.7 in Water (EPA 200.7)							
Boron	0.060	0.20 mg/L	20	70 - 130	20	85 - 115	20
Ba Total ICP 200.7 in Water (EPA 200.7)							
Barium	0.0010	0.010 mg/L	20	70 - 130	20	85 - 115	20
Be Total ICP 200.7 in Water (EPA 200.7)							
Beryllium	0.00020	0.0010 mg/L	20	70 - 130	20	85 - 115	20
Ca Total 200.7 in Water (EPA 200.7)							
Calcium	0.080	1.0 mg/L	20	70 - 130	20	85 - 115	20
Calcium	0.080	1.0 mg/L	20	70 - 130	20	85 - 115	20
Calcium	0.080	1.0 mg/L	20	70 - 130	20	85 - 115	20
Calcium	0.080	1.0 mg/L	20	70 - 130	20	85 - 115	20
Cd Total ICP 200.7 in Water (EPA 200.7)							
Cadmium	0.0010	0.010 mg/L	20	70 - 130	20	85 - 115	20
Co Total ICP 200.7 in Water (EPA 200.7)							
Cobalt	0.0020	0.010 mg/L	20	70 - 130	20	85 - 115	20
Cr Total ICP 200.7 in Water (EPA 200.7)							
Chromium	0.0040	0.010 mg/L	20	70 - 130	20	85 - 115	20
Cr6 218.6 in Water (EPA 218.6)							
Chromium, hexavalent	0.30	1.0 ug/L	20	90 - 110	20	90 - 110	20
Cu Total ICP 200.7 in Water (EPA 200.7)							
Copper	0.014	0.020 mg/L	20	70 - 130	20	85 - 115	20
Fe Total ICP 200.7 in Water (EPA 200.7)							
Iron	0.050	0.10 mg/L	20	70 - 130	20	85 - 115	20
Hg LL CVAA Total 245.1 in Water (EPA 245.1)							

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Mercury	0.060	0.20 ug/L	20	70 - 130	20	85 - 115	20
Hg Total CVAA 245.1 in Water (EPA 245.1)							
Mercury	0.000060	0.0010 mg/L	20	70 - 130	20	85 - 115	20
K Total ICP 200.7 in Water (EPA 200.7)							
Potassium	0.090	1.0 mg/L	20	70 - 130	20	85 - 115	20
Mg Total ICP 200.7 in Water (EPA 200.7)							
Magnesium	0.030	1.0 mg/L	20	70 - 130	20	85 - 115	20
Magnesium	0.030	1.0 mg/L	20	70 - 130	20	85 - 115	20
Mn Total ICP 200.7 in Water (EPA 200.7)							
Manganese	0.0060	0.020 mg/L	20	70 - 130	20	85 - 115	20
Mo Total ICP 200.7 in Water (EPA 200.7)							
Molybdenum	0.0030	0.50 mg/L	20	70 - 130	20	85 - 115	20
Na Total ICP 200.7 in Water (EPA 200.7)							
Sodium	0.40	1.0 mg/L	20	70 - 130	20	85 - 115	20
Sodium	0.40	1.0 mg/L	20	70 - 130	20	85 - 115	20
Ni Total ICP 200.7 in Water (EPA 200.7)							
Nickel	0.0030	0.010 mg/L	20	70 - 130	20	85 - 115	20
Pb Total ICP 200.7 in Water (EPA 200.7)							
Lead	0.0070	0.050 mg/L	20	70 - 130	20	85 - 115	20
Sb Total ICP 200.7 in Water (EPA 200.7)							
Antimony	0.0060	0.020 mg/L	20	70 - 130	20	85 - 115	20
Se Total ICP 200.7 in Water (EPA 200.7)							
Selenium	0.0080	0.020 mg/L	20	70 - 130	20	85 - 115	20
Ti Total ICP 200.7 in Water (EPA 200.7)							
Titanium	0.020	0.050 mg/L	20	70 - 130	20	85 - 115	20
Tl Total ICP 200.7 in Water (EPA 200.7)							

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Thallium	0.0030	0.20 mg/L	20	70 - 130	20	85 - 115	20
V Total ICP 200.7 in Water (EPA 200.7)							
Vanadium	0.0030	0.020 mg/L	20	70 - 130	20	85 - 115	20
Zn Total ICP 200.7 in Water (EPA 200.7)							
Zinc	0.0080	0.020 mg/L	20	70 - 130	20	85 - 115	20
Cu Total ICP 200.7 in Soil (EPA 200.7)							
Pb Total ICP 200.7 in Soil (EPA 200.7)							
Lead	1.0	5.0 mg/kg	20	70 - 130	20	85 - 115	20
Metals by EPA Method 200.8 ICP/MS							
Ag DW ICP/MS 200.8 in Water (EPA 200.8)							
Silver	0.050	10 ug/L	20	70 - 130	20	85 - 115	20
Al DW ICP/MS 200.8 in Water (EPA 200.8)							
Aluminum	5.0	50 ug/L	20	70 - 130	20	85 - 115	20
As DW ICP/MS 200.8 in Water (EPA 200.8)							
Arsenic	0.40	2.0 ug/L	20	70 - 130	20	85 - 115	20
Ba DW ICP/MS 200.8 in Water (EPA 200.8)							
Barium	0.20	100 ug/L	20	70 - 130	20	85 - 115	20
Be DW ICP/MS 200.8 in Water (EPA 200.8)							
Beryllium	0.050	1.0 ug/L	20	70 - 130	20	85 - 115	20
Cd DW ICP/MS 200.8 in Water (EPA 200.8)							
Cadmium	0.060	1.0 ug/L	20	70 - 130	20	85 - 115	20
Cd Total ICP/MS 200.8 in Water (EPA 200.8)							
Cadmium	0.060	0.10 ug/L	20	70 - 130	20	85 - 115	20
Cr DW ICP/MS 200.8 in Water (EPA 200.8)							

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Analytical Services Quotation

Contact: Walter Norosky
Client: Santa Rosa, City of - Utilities Dept.
Address: 4300 Llano Rd.
 Santa Rosa CA, 95407
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Chromium	0.50	10 ug/L	20	70 - 130	20	85 - 115	20
Cr Total ICP/MS 200.8 in Water (EPA 200.8)							
Chromium	0.50	0.50 ug/L	20	70 - 130	20	85 - 115	20
Cu DW ICP/MS 200.8 in Water (EPA 200.8)							
Copper	0.40	50 ug/L	20	70 - 130	20	85 - 115	20
Cu Total ICP/MS 200.8 in Water (EPA 200.8)							
Copper	0.40	0.50 ug/L	20	70 - 130	20	85 - 115	20
Mn DW ICP/MS 200.8 in Water (EPA 200.8)							
Manganese	2.0	20 ug/L	20	70 - 130	20	85 - 115	20
Ni DW ICP/MS 200.8 in Water (EPA 200.8)							
Nickel	0.30	10 ug/L	20	70 - 130	20	85 - 115	20
Ni Total ICP/MS 200.8 in Water (EPA 200.8)							
Nickel	0.30	0.50 ug/L	20	70 - 130	20	85 - 115	20
Pb DW ICP/MS 200.8 in Water (EPA 200.8)							
Lead	0.060	5.0 ug/L	20	70 - 130	20	85 - 115	20
Pb Total ICP/MS 200.8 in Water (EPA 200.8)							
Lead	0.060	0.25 ug/L	20	70 - 130	20	85 - 115	20
Sb DW ICP/MS 200.8 in Water (EPA 200.8)							
Antimony	0.20	6.0 ug/L	20	70 - 130	20	85 - 115	20
Se DW ICP/MS 200.8 in Water (EPA 200.8)							
Selenium	0.30	5.0 ug/L	20	70 - 130	20	85 - 115	20
Tl DW ICP/MS 200.8 in Water (EPA 200.8)							
Thallium	0.050	1.0 ug/L	20	70 - 130	20	85 - 115	20
Zn DW ICP/MS 200.8 in Water (EPA 200.8)							
Zinc	4.0	50 ug/L	20	70 - 130	20	85 - 115	20

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Zn Total ICP/MS 200.8 in Water (EPA 200.8)							
Zinc	4.0	5.0 ug/L	20	70 - 130	20	85 - 115	20
Metals (Dissolved) by EPA 200 Series Methods							
Ag Diss ICP 200.7 in Water (EPA 200.7)							
Silver, dissolved	0.0040	0.010 mg/L	20	70 - 130	20	85 - 115	20
Al Diss ICP 200.7 in Water (EPA 200.7)							
Aluminum, dissolved	0.020	0.050 mg/L	20	70 - 130	20	85 - 115	20
B Diss ICP 200.7 in Water (EPA 200.7)							
Boron, dissolved	0.060	0.20 mg/L	20	70 - 130	20	85 - 115	20
Ba Diss ICP 200.7 in Water (EPA 200.7)							
Barium, dissolved	0.0010	0.010 mg/L	20	70 - 130	20	85 - 115	20
Be Diss ICP 200.7 in Water (EPA 200.7)							
Beryllium, dissolved	0.00020	0.0010 mg/L	20	70 - 130	20	85 - 115	20
Ca Diss 200.7 in Water (EPA 200.7)							
Calcium, dissolved	0.080	1.0 mg/L	20	70 - 130	20	85 - 115	20
Cd Diss ICP 200.7 in Water (EPA 200.7)							
Cadmium, dissolved	0.0010	0.010 mg/L	20	70 - 130	20	85 - 115	20
Co Diss ICP 200.7 in Water (EPA 200.7)							
Cobalt, dissolved	0.0020	0.010 mg/L	20	70 - 130	20	85 - 115	20
Cr Diss 200.7 in Water (EPA 200.7)							
Chromium, dissolved	0.0040	0.010 mg/L	20	70 - 130	20	85 - 115	20
Cu Diss 200.7 in Water (EPA 200.7)							
Copper, dissolved	0.014	0.020 mg/L	20	70 - 130	20	85 - 115	20
Fe Diss ICP 200.7 in Water (EPA 200.7)							
Iron, dissolved	0.050	0.10 mg/L	20	70 - 130	20	85 - 115	20

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K Diss ICP 200.7 in Water (EPA 200.7)								
Potassium, dissolved	0.090	1.0 mg/L	20	70 - 130	20	85 - 115	20	
Mg Diss ICP 200.7 in Water (EPA 200.7)								
Magnesium, dissolved	0.030	1.0 mg/L	20	70 - 130	20	85 - 115	20	
Mn Diss ICP 200.7 in Water (EPA 200.7)								
Manganese, dissolved	0.0060	0.020 mg/L	20	70 - 130	20	85 - 115	20	
Mo Diss ICP 200.7 in Water (EPA 200.7)								
Molybdenum, dissolved	0.0030	0.50 mg/L	20	70 - 130	20	85 - 115	20	
Na Diss ICP 200.7 in Water (EPA 200.7)								
Sodium, dissolved	0.40	1.0 mg/L	20	70 - 130	20	85 - 115	20	
Ni Diss ICP 200.7 in Water (EPA 200.7)								
Nickel, dissolved	0.0030	0.010 mg/L	20	70 - 130	20	85 - 115	20	
Sb Diss ICP 200.7 in Water (EPA 200.7)								
Antimony, dissolved	0.0060	0.020 mg/L	20	70 - 130	20	85 - 115	20	
Tl Diss ICP 200.7 in Water (EPA 200.7)								
Thallium, dissolved	0.0030	0.20 mg/L	20	70 - 130	20	85 - 115	20	
V Diss ICP 200.7 in Water (EPA 200.7)								
Vanadium, dissolved	0.0030	0.020 mg/L	20	70 - 130	20	85 - 115	20	
Zn Diss ICP 200.7 in Water (EPA 200.7)								
Zinc, dissolved	0.0080	0.020 mg/L	20	70 - 130	20	85 - 115	20	
Metals by APHA/EPA Methods								
Cr6 3500CrB Water in Water (SM3500-Cr B)								
Chromium, hexavalent	0.0050	0.010 mg/L	20	65 - 125	20	80 - 120	20	



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Metals by EPA 6000/7000 Series Methods

Ag Total ICP 6010 in Wipe (EPA 6010B)

Silver	0.0010	0.0050 mg/Wipe	85 - 115	20
Silver	0.0010	0.0050 mg/Wipe	85 - 115	20

As Total ICP 6010 in Wipe (EPA 6010B)

Arsenic	0.00050	0.0020 mg/Wipe	85 - 115	20
Arsenic	0.00050	0.0020 mg/Wipe	85 - 115	20

Ba Total ICP 6010 in Wipe (EPA 6010B)

Barium	0.00010	0.0010 mg/Wipe	85 - 115	20
Barium	0.00010	0.0010 mg/Wipe	85 - 115	20

Be Total ICP 6010 in Wipe (EPA 6010B)

Beryllium	0.000010	0.00010 mg/Wipe	85 - 115	20
Beryllium	0.000010	0.00010 mg/Wipe	85 - 115	20

Cd Total ICP 6010 in Wipe (EPA 6010B)

Cadmium	0.00010	0.00050 mg/Wipe	85 - 115	20
Cadmium	0.00010	0.00050 mg/Wipe	85 - 115	20

Co Total ICP 6010 in Wipe (EPA 6010B)

Cobalt	0.00050	0.0020 mg/Wipe	85 - 115	20
Cobalt	0.00050	0.0020 mg/Wipe	85 - 115	20

Cr Total ICP 6010 in Wipe (EPA 6010B)

Chromium	0.00050	0.0020 mg/Wipe	85 - 115	20
Chromium	0.00050	0.0020 mg/Wipe	85 - 115	20

Cu Total ICP 6010 in Wipe (EPA 6010B)

Copper	0.00050	0.0020 mg/Wipe	85 - 115	20
Copper	0.00050	0.0020 mg/Wipe	85 - 115	20

Mo Total ICP 6010 in Wipe (EPA 6010B)

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Molybdenum	0.00010	0.00010 mg/Wipe				85 - 115	20
Molybdenum	0.00010	0.00010 mg/Wipe				85 - 115	20
Ni Total ICP 6010 in Wipe (EPA 6010B)							
Nickel	0.00050	0.0020 mg/Wipe				85 - 115	20
Nickel	0.00050	0.0020 mg/Wipe				85 - 115	20
Pb Total ICP 6010 in Wipe (EPA 6010B)							
Lead	0.0010	0.0020 mg/Wipe				85 - 115	20
Lead	0.0010	0.0020 mg/Wipe				85 - 115	20
Sb Total ICP 6010 in Wipe (EPA 6010B)							
Antimony	0.0010	0.0050 mg/Wipe				85 - 115	20
Antimony	0.0010	0.0050 mg/Wipe				85 - 115	20
Se Total ICP 6010 in Wipe (EPA 6010B)							
Selenium	0.0010	0.0020 mg/Wipe				85 - 115	20
Selenium	0.0010	0.0020 mg/Wipe				85 - 115	20
Tl Total ICP 6010 in Wipe (EPA 6010B)							
Thallium	0.0020	0.0040 mg/Wipe				85 - 115	20
Thallium	0.0020	0.0040 mg/Wipe				85 - 115	20
V Total ICP 6010 in Wipe (EPA 6010B)							
Vanadium	0.00050	0.0010 mg/Wipe				85 - 115	20
Vanadium	0.00050	0.0010 mg/Wipe				85 - 115	20
Zn Total ICP 6010 in Wipe (EPA 6010B)							
Zinc	0.0020	0.0050 mg/Wipe				85 - 115	20
Zinc	0.0020	0.0050 mg/Wipe				85 - 115	20
Ag Total ICP 6010 in Water (EPA 6010B)							
Silver	0.0040	0.010 mg/L	20	70 - 130	20	85 - 115	20
Silver	0.0040	0.010 mg/L	20	70 - 130	20	85 - 115	20
As Total ICP 6010 in Water (EPA 6010B)							

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Arsenic	0.0040	0.010 mg/L	20	70 - 130	20	85 - 115	20
Arsenic	0.0040	0.010 mg/L	20	70 - 130	20	85 - 115	20
Ba Total ICP 6010 in Water (EPA 6010B)							
Barium	0.0010	0.010 mg/L	20	70 - 130	20	85 - 115	20
Barium	0.0010	0.010 mg/L	20	70 - 130	20	85 - 115	20
Be Total ICP 6010 in Water (EPA 6010B)							
Beryllium	0.00020	0.0010 mg/L	20	70 - 130	20	85 - 115	20
Beryllium	0.00020	0.0010 mg/L	20	70 - 130	20	85 - 115	20
Cd Total ICP 6010 in Water (EPA 6010B)							
Cadmium	0.0010	0.010 mg/L	20	70 - 130	20	85 - 115	20
Cadmium	0.0010	0.010 mg/L	20	70 - 130	20	85 - 115	20
Co Total ICP 6010 in Water (EPA 6010B)							
Cobalt	0.0020	0.020 mg/L	20	70 - 130	20	85 - 115	20
Cobalt	0.0020	0.020 mg/L	20	70 - 130	20	85 - 115	20
Cr Total ICP 6010 in Water (EPA 6010B)							
Chromium	0.0040	0.050 mg/L	20	70 - 130	20	85 - 115	20
Chromium	0.0040	0.050 mg/L	20	70 - 130	20	85 - 115	20
Cr6 7196A Water in Water (EPA 7196A)							
Chromium, hexavalent	0.0050	0.010 mg/L	20	0 - 200	20	80 - 120	20
Cu Total ICP 6010 in Water (EPA 6010B)							
Copper	0.014	0.10 mg/L	20	70 - 130	20	85 - 115	20
Copper	0.014	0.10 mg/L	20	70 - 130	20	85 - 115	20
Hg Total CVAA 7470 in Water (EPA 7470A)							
Mercury	0.000060	0.0010 mg/L	20	60 - 140	20	80 - 120	20
Mo Total ICP 6010 in Water (EPA 6010B)							
Molybdenum	0.0030	0.50 mg/L	20	70 - 130	20	85 - 115	20
Molybdenum	0.0030	0.50 mg/L	20	70 - 130	20	85 - 115	20

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Ni Total ICP 6010 in Water (EPA 6010B)							
Nickel	0.0030	0.10 mg/L	20	70 - 130	20	85 - 115	20
Nickel	0.0030	0.10 mg/L	20	70 - 130	20	85 - 115	20
Pb Total ICP 6010 in Water (EPA 6010B)							
Lead	0.0070	0.050 mg/L	20	70 - 130	20	85 - 115	20
Lead	0.0070	0.050 mg/L	20	70 - 130	20	85 - 115	20
Sb Total ICP 6010 in Water (EPA 6010B)							
Antimony	0.0060	0.020 mg/L	20	70 - 130	20	85 - 115	20
Antimony	0.0060	0.020 mg/L	20	70 - 130	20	85 - 115	20
Se Total ICP 6010 in Water (EPA 6010B)							
Selenium	0.0080	0.020 mg/L	20	70 - 130	20	85 - 115	20
Selenium	0.0080	0.020 mg/L	20	70 - 130	20	85 - 115	20
Tl Total ICP 6010 in Water (EPA 6010B)							
Thallium	0.0030	0.40 mg/L	20	70 - 130	20	85 - 115	20
Thallium	0.0030	0.40 mg/L	20	70 - 130	20	85 - 115	20
V Total ICP 6010 in Water (EPA 6010B)							
Vanadium	0.0030	0.50 mg/L	20	70 - 130	20	85 - 115	20
Vanadium	0.0030	0.50 mg/L	20	70 - 130	20	85 - 115	20
Zn Total ICP 6010 in Water (EPA 6010B)							
Zinc	0.0080	0.10 mg/L	20	70 - 130	20	85 - 115	20
Zinc	0.0080	0.10 mg/L	20	70 - 130	20	85 - 115	20
Ag Total ICP 6010 in Soil (EPA 6010B)							
Silver	0.30	5.0 mg/kg	20	70 - 130	20	85 - 115	20
Silver	0.30	5.0 mg/kg	20	70 - 130	20	85 - 115	20
As Total ICP 6010 in Soil (EPA 6010B)							
Arsenic	0.40	2.0 mg/kg	20	70 - 130	20	85 - 115	20
Arsenic	0.40	2.0 mg/kg	20	70 - 130	20	85 - 115	20

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Ba Total ICP 6010 in Soil (EPA 6010B)							
Barium	0.40	10 mg/kg	20	70 - 130	20	85 - 115	20
Barium	0.40	10 mg/kg	20	70 - 130	20	85 - 115	20
Be Total ICP 6010 in Soil (EPA 6010B)							
Beryllium	0.050	0.75 mg/kg	20	70 - 130	20	85 - 115	20
Beryllium	0.050	0.75 mg/kg	20	70 - 130	20	85 - 115	20
Cd Total ICP 6010 in Soil (EPA 6010B)							
Cadmium	0.070	1.0 mg/kg	20	70 - 130	20	85 - 115	20
Cadmium	0.070	1.0 mg/kg	20	70 - 130	20	85 - 115	20
Co Total ICP 6010 in Soil (EPA 6010B)							
Cobalt	0.20	10 mg/kg	20	70 - 130	20	85 - 115	20
Cobalt	0.20	10 mg/kg	20	70 - 130	20	85 - 115	20
Cr Total ICP 6010 in Soil (EPA 6010B)							
Chromium	0.30	5.0 mg/kg	20	70 - 130	20	85 - 115	20
Chromium	0.30	5.0 mg/kg	20	70 - 130	20	85 - 115	20
Cu Total ICP 6010 in Soil (EPA 6010B)							
Copper	3.0	10 mg/kg	20	70 - 130	20	85 - 115	20
Copper	3.0	10 mg/kg	20	70 - 130	20	85 - 115	20
Mo Total ICP 6010 in Soil (EPA 6010B)							
Molybdenum	0.10	5.0 mg/kg	20	70 - 130	20	85 - 115	20
Molybdenum	0.10	5.0 mg/kg	20	70 - 130	20	85 - 115	20
Ni Total ICP 6010 in Soil (EPA 6010B)							
Nickel	0.60	10 mg/kg	20	70 - 130	20	85 - 115	20
Nickel	0.60	10 mg/kg	20	70 - 130	20	85 - 115	20
Pb Total ICP 6010 in Soil (EPA 6010B)							
Lead	0.70	5.0 mg/kg	20	70 - 130	20	85 - 115	20
Lead	0.70	5.0 mg/kg	20	70 - 130	20	85 - 115	20

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Sb Total ICP 6010 in Soil (EPA 6010B)							
Antimony	1.0	15 mg/kg	20	70 - 130	20	85 - 115	20
Antimony	1.0	15 mg/kg	20	70 - 130	20	85 - 115	20
Se Total ICP 6010 in Soil (EPA 6010B)							
Selenium	0.70	2.0 mg/kg	20	70 - 130	20	85 - 115	20
Selenium	0.70	2.0 mg/kg	20	70 - 130	20	85 - 115	20
Tl Total ICP 6010 in Soil (EPA 6010B)							
Thallium	1.0	7.0 mg/kg	20	70 - 130	20	85 - 115	20
Thallium	1.0	7.0 mg/kg	20	70 - 130	20	85 - 115	20
V Total ICP 6010 in Soil (EPA 6010B)							
Vanadium	0.20	5.0 mg/kg	20	70 - 130	20	85 - 115	20
Vanadium	0.20	5.0 mg/kg	20	70 - 130	20	85 - 115	20
Zn Total ICP 6010 in Soil (EPA 6010B)							
Zinc	1.0	10 mg/kg	20	70 - 130	20	85 - 115	20
Zinc	1.0	10 mg/kg	20	70 - 130	20	85 - 115	20
Ag Total ICP 6010 in Other (W) (EPA 6010B)							
Silver	0.30	5.0 mg/kg	20	70 - 130	20	85 - 115	20
Silver	0.30	5.0 mg/kg	20	70 - 130	20	85 - 115	20
As Total ICP 6010 in Other (W) (EPA 6010B)							
Arsenic	0.40	2.0 mg/kg	20	70 - 130	20	85 - 115	20
Arsenic	0.40	2.0 mg/kg	20	70 - 130	20	85 - 115	20
Ba Total ICP 6010 in Other (W) (EPA 6010B)							
Barium	0.40	10 mg/kg	20	70 - 130	20	85 - 115	20
Barium	0.40	10 mg/kg	20	70 - 130	20	85 - 115	20
Be Total ICP 6010 in Other (W) (EPA 6010B)							
Beryllium	0.050	0.75 mg/kg	20	70 - 130	20	85 - 115	20
Beryllium	0.050	0.75 mg/kg	20	70 - 130	20	85 - 115	20

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Analytical Services Quotation

Contact: Walter Norosky
Client: Santa Rosa, City of - Utilities Dept.
Address: 4300 Llano Rd.
 Santa Rosa CA, 95407
Phone: (707) 543-4369
Project: 1 - Master Services List

Quoted: 1/3/2020
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Cd Total ICP 6010 in Other (W) (EPA 6010B)							
Cadmium	0.070	1.0 mg/kg	20	70 - 130	20	85 - 115	20
Cadmium	0.070	1.0 mg/kg	20	70 - 130	20	85 - 115	20
Co Total ICP 6010 in Other (W) (EPA 6010B)							
Cobalt	0.20	10 mg/kg	20	70 - 130	20	85 - 115	20
Cobalt	0.20	10 mg/kg	20	70 - 130	20	85 - 115	20
Cr Total ICP 6010 in Other (W) (EPA 6010B)							
Chromium	0.30	5.0 mg/kg	20	70 - 130	20	85 - 115	20
Chromium	0.30	5.0 mg/kg	20	70 - 130	20	85 - 115	20
Cu Total ICP 6010 in Other (W) (EPA 6010B)							
Copper	3.0	10 mg/kg	20	70 - 130	20	85 - 115	20
Copper	3.0	10 mg/kg	20	70 - 130	20	85 - 115	20
Mo Total ICP 6010 in Other (W) (EPA 6010B)							
Molybdenum	0.10	5.0 mg/kg	20	70 - 130	20	85 - 115	20
Molybdenum	0.10	5.0 mg/kg	20	70 - 130	20	85 - 115	20
Ni Total ICP 6010 in Other (W) (EPA 6010B)							
Nickel	0.60	10 mg/kg	20	70 - 130	20	85 - 115	20
Nickel	0.60	10 mg/kg	20	70 - 130	20	85 - 115	20
Pb Total ICP 6010 in Other (W) (EPA 6010B)							
Lead	0.70	5.0 mg/kg	20	70 - 130	20	85 - 115	20
Lead	0.70	5.0 mg/kg	20	70 - 130	20	85 - 115	20
Sb Total ICP 6010 in Other (W) (EPA 6010B)							
Antimony	1.0	15 mg/kg	20	70 - 130	20	85 - 115	20
Antimony	1.0	15 mg/kg	20	70 - 130	20	85 - 115	20
Se Total ICP 6010 in Other (W) (EPA 6010B)							
Selenium	0.70	2.0 mg/kg	20	70 - 130	20	85 - 115	20
Selenium	0.70	2.0 mg/kg	20	70 - 130	20	85 - 115	20

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Tl Total ICP 6010 in Other (W) (EPA 6010B)							
Thallium	1.0	7.0 mg/kg	20	70 - 130	20	85 - 115	20
Thallium	1.0	7.0 mg/kg	20	70 - 130	20	85 - 115	20
V Total ICP 6010 in Other (W) (EPA 6010B)							
Vanadium	0.20	5.0 mg/kg	20	70 - 130	20	85 - 115	20
Vanadium	0.20	5.0 mg/kg	20	70 - 130	20	85 - 115	20
Zn Total ICP 6010 in Other (W) (EPA 6010B)							
Zinc	1.0	10 mg/kg	20	70 - 130	20	85 - 115	20
Zinc	1.0	10 mg/kg	20	70 - 130	20	85 - 115	20
Ag Total ICP 6010 in Other (V) (EPA 6010B)							
Silver	0.0070	0.010 mg/L	20	70 - 130	20	85 - 115	20
As Total ICP 6010 in Other (V) (EPA 6010B)							
Arsenic	0.0040	0.010 mg/L	20	70 - 130	20	85 - 115	20
Ba Total ICP 6010 in Other (V) (EPA 6010B)							
Barium	0.0030	0.010 mg/L	20	70 - 130	20	85 - 115	20
Be Total ICP 6010 in Other (V) (EPA 6010B)							
Beryllium	0.00020	0.010 mg/L	20	70 - 130	20	85 - 115	20
Cd Total ICP 6010 in Other (V) (EPA 6010B)							
Cadmium	0.0060	0.10 mg/L	20	70 - 130	20	85 - 115	20
Co Total ICP 6010 in Other (V) (EPA 6010B)							
Cobalt	0.0020	0.020 mg/L	20	70 - 130	20	85 - 115	20
Cr Total ICP 6010 in Other (V) (EPA 6010B)							
Chromium	0.0010	0.050 mg/L	20	70 - 130	20	85 - 115	20
Cu Total ICP 6010 in Other (V) (EPA 6010B)							
Hg Total CVAA 7470 in Other (V) (EPA 7470A)							
Mercury	0.000060	0.0010 mg/L	20	60 - 140	20	80 - 120	20

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Mo Total ICP 6010 in Other (V) (EPA 6010B)								
Molybdenum	0.0010	0.50 mg/L	20	70 - 130	20	85 - 115	20	
Ni Total ICP 6010 in Other (V) (EPA 6010B)								
Nickel	0.0030	0.10 mg/L	20	70 - 130	20	85 - 115	20	
Pb Total ICP 6010 in Other (V) (EPA 6010B)								
Sb Total ICP 6010 in Other (V) (EPA 6010B)								
Antimony	0.0050	0.020 mg/L	20	70 - 130	20	85 - 115	20	
Se Total ICP 6010 in Other (V) (EPA 6010B)								
Selenium	0.0080	0.020 mg/L	20	70 - 130	20	85 - 115	20	
Tl Total ICP 6010 in Other (V) (EPA 6010B)								
Thallium	0.010	0.40 mg/L	20	70 - 130	20	85 - 115	20	
V Total ICP 6010 in Other (V) (EPA 6010B)								
Vanadium	0.0010	0.50 mg/L	20	70 - 130	20	85 - 115	20	
Zn Total ICP 6010 in Other (V) (EPA 6010B)								
Zinc	0.0050	0.10 mg/L	20	70 - 130	20	85 - 115	20	
Metals (Dissolved) by EPA 6000/7000 Series Methods								
Ag Diss ICP 6010 in Water (EPA 6010B)								
Silver, dissolved	0.0040	0.010 mg/L	20	70 - 130	20	85 - 115	20	
As Diss ICP 6010 in Water (EPA 6010B)								
Arsenic, dissolved	0.0040	0.010 mg/L	20	70 - 130	20	85 - 115	20	
Ba Diss ICP 6010 in Water (EPA 6010B)								
Barium, dissolved	0.0010	0.010 mg/L	20	70 - 130	20	85 - 115	20	
Be Diss ICP 6010 in Water (EPA 6010B)								
Beryllium, dissolved	0.00020	0.010 mg/L	20	70 - 130	20	85 - 115	20	

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Cd Diss ICP 6010 in Water (EPA 6010B)								
Cadmium, dissolved	0.0010	0.010 mg/L	20	70 - 130	20	85 - 115	20	
Co Diss ICP 6010 in Water (EPA 6010B)								
Cobalt, dissolved	0.0020	0.020 mg/L	20	70 - 130	20	85 - 115	20	
Cr Diss ICP 6010 in Water (EPA 6010B)								
Chromium, dissolved	0.0040	0.050 mg/L	20	70 - 130	20	85 - 115	20	
Cu Diss ICP 6010 in Water (EPA 6010B)								
Copper, dissolved	0.014	0.10 mg/L	20	70 - 130	20	85 - 115	20	
Hg Diss CVAA 7470 in Water (EPA 7470A)								
Mercury, dissolved	0.00010	0.0010 mg/L	20	60 - 140	20	80 - 120	20	
Mo Diss ICP 6010 in Water (EPA 6010B)								
Molybdenum, dissolved	0.0030	0.50 mg/L	20	70 - 130	20	85 - 115	20	
Ni Diss ICP 6010 in Water (EPA 6010B)								
Nickel, dissolved	0.0030	0.10 mg/L	20	70 - 130	20	85 - 115	20	
Pb Diss ICP 6010 in Water (EPA 6010B)								
Lead, dissolved	0.0070	0.050 mg/L	20	70 - 130	20	85 - 115	20	
Sb Diss ICP 6010 in Water (EPA 6010B)								
Antimony, dissolved	0.0060	0.020 mg/L	20	70 - 130	20	85 - 115	20	
Se Diss ICP 6010 in Water (EPA 6010B)								
Selenium, dissolved	0.0080	0.020 mg/L	20	70 - 130	20	85 - 115	20	
Tl Diss ICP 6010 in Water (EPA 6010B)								
Thallium, dissolved	0.0030	0.40 mg/L	20	70 - 130	20	85 - 115	20	
V Diss ICP 6010 in Water (EPA 6010B)								
Vanadium, dissolved	0.0030	0.50 mg/L	20	70 - 130	20	85 - 115	20	
Zn Diss ICP 6010 in Water (EPA 6010B)								
Zinc, dissolved	0.0080	0.10 mg/L	20	70 - 130	20	85 - 115	20	

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STLC Metals by EPA 6000/7000 Series Methods

Ag STLC 6010 in Water (EPA 6010B)								
Silver	0.10	0.50 mg/L	20	70 - 130	20	85 - 115	20	
As STLC 6010 in Water (EPA 6010B)								
Arsenic	0.10	0.10 mg/L	20	70 - 130	20	85 - 115	20	
Ba STLC 6010 in Water (EPA 6010B)								
Barium	0.030	1.0 mg/L	20	70 - 130	20	85 - 115	20	
Be STLC 6010 in Water (EPA 6010B)								
Beryllium	0.0060	0.050 mg/L	20	70 - 130	20	85 - 115	20	
Cd STLC 6010 in Water (EPA 6010B)								
Cadmium	0.010	0.10 mg/L	20	70 - 130	20	85 - 115	20	
Co STLC 6010 in Water (EPA 6010B)								
Cobalt	0.10	1.0 mg/L	20	70 - 130	20	85 - 115	20	
Cr STLC 6010 in Water (EPA 6010B)								
Chromium	0.020	0.10 mg/L	20	70 - 130	20	85 - 115	20	
Cu STLC 6010 in Water (EPA 6010B)								
Copper	0.070	0.20 mg/L	20	70 - 130	20	85 - 115	20	
Mo STLC 6010 in Water (EPA 6010B)								
Molybdenum	0.030	0.10 mg/L	20	70 - 130	20	85 - 115	20	
Ni STLC 6010 in Water (EPA 6010B)								
Nickel	0.030	0.10 mg/L	20	70 - 130	20	85 - 115	20	
Pb STLC 6010 in Water (EPA 6010B)								
Lead	0.20	0.50 mg/L	20	70 - 130	20	85 - 115	20	
Sb STLC 6010 in Water (EPA 6010B)								

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Antimony	0.20	1.0 mg/L	20	70 - 130	20	85 - 115	20
Se STLC 6010 in Water (EPA 6010B)							
Selenium	0.080	0.10 mg/L	20	70 - 130	20	85 - 115	20
Tl STLC 6010 in Water (EPA 6010B)							
Thallium	0.070	0.10 mg/L	20	70 - 130	20	85 - 115	20
V STLC 6010 in Water (EPA 6010B)							
Vanadium	0.040	0.20 mg/L	20	70 - 130	20	85 - 115	20
Zn STLC 6010 in Water (EPA 6010B)							
Zinc	0.10	0.50 mg/L	20	70 - 130	20	85 - 115	20
Ag STLC 6010 in Soil (EPA 6010B)							
Silver	0.10	0.50 mg/L	20	70 - 130	20	85 - 115	20
As STLC 6010 in Soil (EPA 6010B)							
Arsenic	0.10	0.10 mg/L	20	70 - 130	20	85 - 115	20
Ba STLC 6010 in Soil (EPA 6010B)							
Barium	0.030	1.0 mg/L	20	70 - 130	20	85 - 115	20
Be STLC 6010 in Soil (EPA 6010B)							
Beryllium	0.0060	0.050 mg/L	20	70 - 130	20	85 - 115	20
Cd STLC 6010 in Soil (EPA 6010B)							
Cadmium	0.010	0.10 mg/L	20	70 - 130	20	85 - 115	20
Co STLC 6010 in Soil (EPA 6010B)							
Cobalt	0.10	1.0 mg/L	20	70 - 130	20	85 - 115	20
Cr STLC 6010 in Soil (EPA 6010B)							
Chromium	0.020	0.10 mg/L	20	70 - 130	20	85 - 115	20
Cu STLC 6010 in Soil (EPA 6010B)							
Copper	0.070	0.20 mg/L	20	70 - 130	20	85 - 115	20

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Mo STLC 6010 in Soil (EPA 6010B)								
Molybdenum	0.030	0.10 mg/L	20	70 - 130	20	85 - 115	20	
Ni STLC 6010 in Soil (EPA 6010B)								
Nickel	0.030	0.10 mg/L	20	70 - 130	20	85 - 115	20	
Pb STLC 6010 in Soil (EPA 6010B)								
Lead	0.20	0.50 mg/L	20	70 - 130	20	85 - 115	20	
Sb STLC 6010 in Soil (EPA 6010B)								
Antimony	0.20	1.0 mg/L	20	70 - 130	20	85 - 115	20	
Se STLC 6010 in Soil (EPA 6010B)								
Selenium	0.080	0.10 mg/L	20	70 - 130	20	85 - 115	20	
Tl STLC 6010 in Soil (EPA 6010B)								
Thallium	0.070	0.10 mg/L	20	70 - 130	20	85 - 115	20	
V STLC 6010 in Soil (EPA 6010B)								
Vanadium	0.040	0.20 mg/L	20	70 - 130	20	85 - 115	20	
Zn STLC 6010 in Soil (EPA 6010B)								
Zinc	0.10	0.50 mg/L	20	70 - 130	20	85 - 115	20	
Ag STLC 6010 in Other (W) (EPA 6010B)								
Silver	0.10	0.50 mg/L	20	70 - 130	20	85 - 115	20	
As STLC 6010 in Other (W) (EPA 6010B)								
Arsenic	0.10	0.10 mg/L	20	70 - 130	20	85 - 115	20	
Ba STLC 6010 in Other (W) (EPA 6010B)								
Barium	0.030	1.0 mg/L	20	70 - 130	20	85 - 115	20	
Be STLC 6010 in Other (W) (EPA 6010B)								
Beryllium	0.0060	0.050 mg/L	20	70 - 130	20	85 - 115	20	
Cd STLC 6010 in Other (W) (EPA 6010B)								
Cadmium	0.010	0.10 mg/L	20	70 - 130	20	85 - 115	20	

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Co STLC 6010 in Other (W) (EPA 6010B)								
Cobalt	0.10	1.0 mg/L	20	70 - 130	20	85 - 115	20	
Cr STLC 6010 in Other (W) (EPA 6010B)								
Chromium	0.020	0.10 mg/L	20	70 - 130	20	85 - 115	20	
Cu STLC 6010 in Other (W) (EPA 6010B)								
Copper	0.070	0.20 mg/L	20	70 - 130	20	85 - 115	20	
Mo STLC 6010 in Other (W) (EPA 6010B)								
Molybdenum	0.030	0.10 mg/L	20	70 - 130	20	85 - 115	20	
Ni STLC 6010 in Other (W) (EPA 6010B)								
Nickel	0.030	0.10 mg/L	20	70 - 130	20	85 - 115	20	
Pb STLC 6010 in Other (W) (EPA 6010B)								
Lead	0.20	0.50 mg/L	20	70 - 130	20	85 - 115	20	
Sb STLC 6010 in Other (W) (EPA 6010B)								
Antimony	0.20	1.0 mg/L	20	70 - 130	20	85 - 115	20	
Se STLC 6010 in Other (W) (EPA 6010B)								
Selenium	0.080	0.10 mg/L	20	70 - 130	20	85 - 115	20	
Tl STLC 6010 in Other (W) (EPA 6010B)								
Thallium	0.070	0.10 mg/L	20	70 - 130	20	85 - 115	20	
V STLC 6010 in Other (W) (EPA 6010B)								
Vanadium	0.040	0.20 mg/L	20	70 - 130	20	85 - 115	20	
Zn STLC 6010 in Other (W) (EPA 6010B)								
Zinc	0.10	0.50 mg/L	20	70 - 130	20	85 - 115	20	
Conventional Chemistry Parameters by APHA/EPA Methods								
Cyanide, Total in Wipe (EPA 9014)								

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Analytical Services Quotation

Contact: Walter Norosky
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Address: 4300 Llano Rd.
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Cyanide (total)	0.0010	0.010 mg/Wipe.	25	85 - 115	10
Acidity as CaCO3	1.0	2.0 mg/L	15		
Aggressive Index in Water (AWWA)					
Aggressive Index		2.000 NU			
Aggressive Index		2.000 NU			
Alkalinity 2320B in Water (SM2320B)					
Bicarbonate Alkalinity as CaCO3	1.0	5.0 mg/L	20		
Bicarbonate Alkalinity as CaCO3	1.0	5.0 mg/L	20		
Hydroxide Alkalinity as CaCO3	1.0	5.0 mg/L	20		
Carbonate Alkalinity as CaCO3	1.0	5.0 mg/L	20		
Total Alkalinity as CaCO3	1.0	5.0 mg/L	20		
Hydroxide Alkalinity as CaCO3	1.0	5.0 mg/L	20		
Carbonate Alkalinity as CaCO3	1.0	5.0 mg/L	20		
Total Alkalinity as CaCO3	1.0	5.0 mg/L	20		
Alkalinity 2320B in Water (SM2320B)					
Total Alkalinity as CaCO3	1.0	5.0 mg/L	20		
Ammonia in Water (SM4500NH3B,C)					
Ammonia as NH3	0.20	0.50 mg/L	85 - 115	20	90 - 110 20
Ammonia as N in Water (SM4500NH3B,C)					
Ammonia as N	0.10	0.20 mg/L	85 - 115	20	90 - 110 20
Ammonia as N	0.10	0.20 mg/L	85 - 115	20	90 - 110 20
Ammonia as N	0.10	0.20 mg/L	85 - 115	20	90 - 110 20
Ammonia Unionized in Water (EPA600/3-79-091)					
Ammonia as N Unionized	0.00010	0.00050 mg/L			
Ammonia as N Unionized	0.00010	0.00050 mg/L			
Ammonium Calculation in Water (Calculation)					
Ammonium as NH4	0.200	0.500 mg/L			

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Bicarbonate in Water (SM2320B)							
Bicarbonate	1.0	5.0 mg/L	20				
Bicarbonate	1.0	5.0 mg/L	20				
SBOD-SM5210B in Water (SM5210B)							
Soluble BOD	2.0	5.0 mg/L	30	30	84 - 115	30	
BOD-SM5210B in Water (SM5210B)							
Biochemical Oxygen Demand	2.0	5.0 mg/L	30	30	84 - 115	30	
Carbonate in Water (SM2320B)							
Carbonate	1.0	5.0 mg/L	20				
Carbonate	1.0	5.0 mg/L	20				
Total Residual Chlorine by SM4500CIF in Water (SM4500-C)							
Residual Chlorine	0.10	0.10 mg/L	20		80 - 120	20	
Chlorophyll-A in Water (SM10200H)							
Chlorophyll-a	0.0010	0.010 mg/L	50				
COD-SM5220D in Water (SM5220D)							
Chemical Oxygen Demand	9.0	50 mg/L	20	85 - 115	20	85 - 115	20
Color-SM2120B in Water (SM2120B)							
Color	3.0	5.0 CU	20				
Color	3.0	5.0 CU	20				
Conductivity in Water (SM2510B)							
Specific Conductance (EC)	1.0	20 umhos/cm	5				
Specific Conductance (EC)	1.0	20 umhos/cm	5				
Specific Conductance (EC)	1.0	20 umhos/cm	5				
DOC-SM5310 in Water (SM5310C)							
Dissolved Organic Carbon	0.600	1.00 mg/L	20	70 - 130	20	85 - 115	20
Hardness Calc in Water (SM2340B)							

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Hardness, Total	1.00	5.00 mg/L	20					
Hardness, Total	1.00	5.00 mg/L	20					
Hardness, Total	1.00	5.00 mg/L	20					
Hydroxide in Water (SM2320B)								
Hydroxide	1.0	5.0 mg/L	5					
MBAS- SM5540C in Water (SM5540C)								
MBAS, calculated as LAS, mw 340	0.030	0.050 mg/L	20	80 - 120	20	80 - 120	20	
MBAS, calculated as LAS, mw 340	0.030	0.050 mg/L	20	80 - 120	20	80 - 120	20	
Nitrogen, Org Calc in Water (SM4500-N)								
Total Organic Nitrogen		1.0 mg/L						
Total Organic Nitrogen		1.0 mg/L						
Nitrogen, Total Calc in Water (Calculation)								
Total Nitrogen	0.20	1.0 mg/L						
Total Nitrogen	0.20	1.0 mg/L						
O&G (HEM) in Water (EPA 1664A)								
Oil & Grease (HEM)	1.4	5.0 mg/L	18	78 - 114	18	78 - 114	18	
Odor by EPA 140.1 in Water (EPA 140.1)								
Odor		1.0 T.O.N.	20		20		20	
Odor		1.0 T.O.N.	20		20		20	
Orthophosphate SM4500 in Water (SM4500-P E)								
Orthophosphate	0.030	0.30 mg/L	20	70 - 130	20	85 - 115	20	
Perchlorate in Water (EPA 314.0)								
Perchlorate	0.90	4.0 ug/L	15	70 - 130	15	85 - 115	20	
pH Water SM4500 in Water (SM4500-H+ B)								
pH	1.680	1.680 pH Units	20					
pH	1.680	1.680 pH Units	20					
pH	1.680	1.680 pH Units	20					

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Phenols-420.1 in Water (EPA 420.1)							
Phenolics	0.040	0.050 mg/L	65 - 135	15	85 - 115	15	
Phosphate Total as P SM4500 in Water (SM4500-P E)							
Phosphate, Total as P	0.010	0.040 mg/L	20	70 - 130	20	85 - 115	20
Phosphate Total SM4500 in Water (SM4500-P E)							
Phosphate, Total	0.030	0.10 mg/L	20	70 - 130	20	85 - 115	20
Phosphorus Diss SM4500 in Water (SM4500-P E)							
Phosphorus, dissolved	0.010	0.040 mg/L	20	70 - 130	20	85 - 115	20
Phosphorus-SM4500 in Water (SM4500-P E)							
Phosphorus, total	0.010	0.040 mg/L	20	70 - 130	20	85 - 115	20
Salinity in Water (SM2520B)							
Salinity	2.0	2.0 g/kg	20				
Silica by 4500SI in Water (SM4500-SiO2 C)							
Silica	0.30	1.0 mg/L	20	80 - 120	20	85 - 115	20
Solids, TDS-SM2540C in Water (SM2540C)							
Total Dissolved Solids	10	10 mg/L	15		80 - 120	20	
Total Dissolved Solids	10	10 mg/L	15		80 - 120	20	
Total Dissolved Solids	10	10 mg/L	15		80 - 120	20	
Solids, Total-SM2540B in Water (SM2540B)							
Total Solids	5.0	10 mg/L	14				
Solids, TSS-SM2540D in Water (SM2540D)							
Total Suspended Solids	0.30	1.0 mg/L	30				
Total Kjeldahl Nitrogen in Water (SM4500-Norg B)							
Total Kjeldahl Nitrogen	0.20	1.0 mg/L	20	75 - 125	20	80 - 120	20
Total Kjeldahl Nitrogen	0.20	1.0 mg/L	20	75 - 125	20	80 - 120	20
Total Kjeldahl Nitrogen	0.20	1.0 mg/L	20	75 - 125	20	80 - 120	20

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TOC-SM5310 Water in Water (SM5310C)								
Total Organic Carbon	0.300	1.00 mg/L	20	70 - 130	20	85 - 115	20	
TOC-SM5310C in Water (SM5310C)								
Total Organic Carbon	0.300	0.300 mg/L	20	70 - 130	20	85 - 115	20	
Turbidity-2130B in Water (SM2130B)								
Turbidity	0.050	0.10 NTU	20					
Turbidity	0.050	0.10 NTU	20					
Alkalinity 2320B in Soil (SM2320B)								
Carbonate Alkalinity as CaCO3	1.0	5.0 mg/kg	20					
Hydroxide Alkalinity as CaCO3	1.0	5.0 mg/kg	20					
Total Alkalinity as CaCO3	1.0	5.0 mg/kg	20					
Bicarbonate Alkalinity as CaCO3	1.0	5.0 mg/kg	20					
Ammonia in Soil (SM4500NH3B,C)								
Ammonia as NH3	2.0	5.0 mg/kg	20	70 - 130	20	90 - 110	10	
Ammonia as N in Soil (SM4500NH3B,C)								
Ammonia as N	2.0	2.0 mg/kg	20	70 - 130	20	90 - 110	10	
Ammonia as N	2.0	2.0 mg/kg	20	70 - 130	20	90 - 110	10	
BOD-SM5210B in Soil (SM5210B)								
Biochemical Oxygen Demand	2.0	5.0 mg/kg	30		30	84 - 115	30	
Cyanide, Total in Soil (EPA 9014)								
Cyanide (total)	0.70	2.0 mg/kg	25	70 - 130	20	85 - 115	20	
Nitrogen, Org Calc in Soil (SM4500-N)								
Total Organic Nitrogen		10 mg/kg						
Total Organic Nitrogen		10 mg/kg						
Nitrogen, Total Calc in Soil (Calculation)								
Total Nitrogen		10 mg/kg						

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Total Nitrogen		10 mg/kg						
O&G (HEM) in Soil (EPA 9071B)								
Oil & Grease (HEM)	170	250 mg/kg	20	75 - 135	20	75 - 135	20	
Phenols-420.1 in Soil (EPA 420.1)								
Phenolics	5.0	20 mg/kg		85 - 115	15	85 - 115	15	
Total Kjeldahl Nitrogen in Soil (SM4500-Norg B)								
Total Kjeldahl Nitrogen	2.0	10 mg/kg	20	75 - 125	35	80 - 120	20	
Total Kjeldahl Nitrogen	2.0	10 mg/kg	20	75 - 125	35	80 - 120	20	
Total Kjeldahl Nitrogen	2.0	10 mg/kg	20	75 - 125	35	80 - 120	20	
Total Organic Carbon		1.00 mg/kg	20			56 - 144	20	
Ammonia as N in Other (W) (SM4500NH3B,C)								
Ammonia as N	2.0	2.0 mg/kg	20	70 - 130	20	90 - 110	10	
Ammonia as N	2.0	2.0 mg/kg	20	70 - 130	20	90 - 110	10	
BOD-SM5210B in Other (W) (SM5210B)								
Biochemical Oxygen Demand	2.0	5.0 mg/kg	30		30	84 - 115	30	
Cyanide, Total in Other (W) (EPA 9014)								
Cyanide (total)	0.70	2.0 mg/kg	25	70 - 130	20	85 - 115	20	
Nitrogen, Org Calc in Other (W) (SM4500-N)								
Total Organic Nitrogen		10 mg/kg						
Total Organic Nitrogen		10 mg/kg						
Nitrogen, Total Calc in Other (W) (Calculation)								
Total Nitrogen		10 mg/kg						
Total Nitrogen		10 mg/kg						
O&G (HEM) in Other (W) (EPA 9071B)								
Oil & Grease (HEM)	170	250 mg/kg	20	75 - 135	20	75 - 135	20	
Phenols-420.1 in Other (W) (EPA 420.1)								

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Phenolics	5.0	20 mg/kg	85 - 115	15	85 - 115	15
Solids, TDS-SM2540C in Other (W) (SM2540C)						
Total Dissolved Solids	10	10 mg/kg	30		80 - 120	20
Total Kjeldahl Nitrogen in Other (W) (SM4500-Norg B)						
Total Kjeldahl Nitrogen	2.0	10 mg/kg	20	75 - 125	35	80 - 120 20
Total Kjeldahl Nitrogen	2.0	10 mg/kg	20	75 - 125	35	80 - 120 20
Total Kjeldahl Nitrogen	2.0	10 mg/kg	20	75 - 125	35	80 - 120 20
Total Organic Carbon		1.00 mg/kg	20		56 - 144	20
Ammonia in Other (V) (SM4500NH3B,C)						
Ammonia as N in Other (V) (SM4500NH3B,C)						
Ammonia as N	0.10	0.20 mg/L	20	85 - 115	20	90 - 110 20
Ammonia as N	0.10	0.20 mg/L	20	85 - 115	20	90 - 110 20
BOD-SM5210B in Other (V) (SM5210B)						
Biochemical Oxygen Demand	2.0	5.0 mg/L	30		30	84 - 115 30
COD-SM5220D in Other (V) (SM5220D)						
Chemical Oxygen Demand	9.0	50 mg/L	20	85 - 115	20	85 - 115 20
Conductivity in Other (V) (EPA 120.1)						
O&G (HEM) in Other (V) (EPA 1664A)						
Oil & Grease (HEM)	1.3	5.0 mg/L	18	78 - 114	18	78 - 114 18
pH Water SM4500 in Other (V) (SM4500-H+ B)						
pH	1.680	1.680 pH Units				
Solids, Total-SM2540B in Other (V) (SM2540B)						
Total Solids	25	50 mg/L	14			
Solids, TSS-SM2540D in Other (V) (SM2540D)						
Total Suspended Solids	0.30	1.0 mg/L	30			

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Total Kjeldahl Nitrogen in Other (V) (SM4500-Norg B)							
Total Kjeldahl Nitrogen	0.20	1.0 mg/kg	20	20	80 - 120	20	
Miscellaneous Physical/Conventional Chemistry Parameters							
Cyanide, Dissolved in Water (10-204-00-1X)							
Cyanide (Dissolved)	0.0020	0.020 mg/L	25	85 - 115	25	85 - 115	25
Cyanide, Total in Water (10-204-00-1X)							
Cyanide (total)	0.0020	0.020 mg/L	25	85 - 115	25	85 - 115	25
Langelier Saturation Index in Water (LSI)							
Langelier Index @ 25C	-10.00	-10.00 NU					
Langelier Index @ Source Temp	-10.00	-10.00 NU					
Langelier Index @ 25C	-10.00	-10.00 NU					
Langelier Index @ Source Temp	-10.00	-10.00 NU					
Langelier Index @ 60C	-10.00	-10.00 NU					
Langelier Index @ 60C	-10.00	-10.00 NU					
SAR Calculation in Water (SAR)							
Sodium Adsorption Ratio		NA					
Sodium Adsorption Ratio		NA					
SAR Calculation in Other (V) (SAR)							
Anions by EPA Method 300.0							
Chloride 300.0 in Water (EPA 300.0)							
Chloride	0.10	0.50 mg/L	20	80 - 120	20	90 - 110	20
Fluoride 300.0 in Water (EPA 300.0)							
Fluoride	0.070	0.10 mg/L	20	80 - 120	20	90 - 110	20
Fluoride	0.070	0.10 mg/L	20	80 - 120	20	90 - 110	20

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Nitrate 300.0 in Water (EPA 300.0)							
Nitrate as NO3	0.20	1.0 mg/L	20	80 - 120	20	90 - 110	20
Nitrate as N 300.0 in Water (EPA 300.0)							
Nitrate as N	0.040	0.20 mg/L	20	80 - 120	20	90 - 110	20
Nitrate as N	0.040	0.20 mg/L	20	80 - 120	20	90 - 110	20
Nitrite 300.0 in Water (EPA 300.0)							
Nitrite as NO2	0.20	1.0 mg/L	20	80 - 120	20	90 - 110	20
Nitrite as N 300.0 in Water (EPA 300.0)							
Nitrite as N	0.050	0.20 mg/L	20	80 - 120	20	90 - 110	20
Nitrite as N	0.050	0.20 mg/L	20	80 - 120	20	90 - 110	20
Sulfate 300.0 in Water (EPA 300.0)							
Sulfate as SO4	0.20	0.50 mg/L	20	80 - 120	20	90 - 110	20
Sulfate as SO4	0.20	0.50 mg/L	20	80 - 120	20	90 - 110	20
Fluoride 300.0 in Soil (EPA 300.0)							
Fluoride	0.070	1.0 mg/kg	20	80 - 120	20	90 - 110	20
Nitrate 300.0 in Soil (EPA 300.0)							
Nitrate as NO3	2.0	10 mg/kg	20	80 - 120	20	90 - 110	20
Nitrate as N 300.0 in Soil (EPA 300.0)							
Nitrate as N	0.40	2.0 mg/kg	20	80 - 120	20	90 - 110	20
Nitrate as N	0.40	2.0 mg/kg	20	80 - 120	20	90 - 110	20
Nitrite 300.0 in Soil (EPA 300.0)							
Nitrite as NO2	2.0	10 mg/kg	20	80 - 120	20	90 - 110	20
Nitrite as N 300.0 in Soil (EPA 300.0)							
Nitrite as N	0.50	2.0 mg/kg	20	80 - 120	20	90 - 110	20
Nitrite as N	0.50	2.0 mg/kg	20	80 - 120	20	90 - 110	20
Sulfate 300.0 in Soil (EPA 300.0)							

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Analytical Services Quotation

Contact: Walter Norosky
Client: Santa Rosa, City of - Utilities Dept.
Address: 4300 Llano Rd.
 Santa Rosa CA, 95407
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Sulfate as SO4		5.0 mg/kg	20	80 - 120	20	90 - 110	20
Fluoride 300.0 in Other (W) (EPA 300.0)							
Fluoride	0.70	1.0 mg/kg	20	80 - 120	20	90 - 110	20
Nitrate as N 300.0 in Other (W) (EPA 300.0)							
Nitrate as N	0.40	2.0 mg/kg	20	80 - 120	20	90 - 110	20
Nitrate as N	0.40	2.0 mg/kg	20	80 - 120	20	90 - 110	20
Nitrite as N 300.0 in Other (W) (EPA 300.0)							
Nitrite as N	0.50	2.0 mg/kg	20	80 - 120	20	90 - 110	20
Nitrite as N	0.50	2.0 mg/kg	20	80 - 120	20	90 - 110	20
Nitrate as N 300.0 in Other (V) (EPA 300.0)							
Nitrate as N	0.040	0.20 mg/L	20	80 - 120	20	90 - 110	20
Nitrite as N 300.0 in Other (V) (EPA 300.0)							
Nitrite as N	0.050	0.20 mg/L	20	80 - 120	20	90 - 110	20
Anions by EPA Method 300.1							
Chlorate by EPA 300.0 in Water (EPA 300.1)							
Chlorate	6.0	20 ug/L		75 - 125	20	75 - 125	
surr: Dichloroacetate				90 - 115			
Microbiological Parameters by APHA Standard Methods							
Coliform, E. coli in Water (SM9223B)							
E. Coli	1.0000	1.0000 MPN/100mL					
Coliform, Fecal 15 Tube in Water (SM9221B,E)							
Fecal Coliforms	1.8	1.8 MPN/100mL				100 - 100	
Coliform, Fecal High Dilution in Water (SM9221)							
Fecal Coliforms	1.8	1.8 MPN/100mL					

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Coliform, Total 15 Tube in Water (SM9221B,C)			
Total Coliforms	1.8	1.8 MPN/100mL	100 - 100
Coliform, Total in Water (SM9223B)			
Total Coliforms	1.0000	1.0000 MPN/100mL	
Coliform, Total High Dilution in Water (SM9221)			
Total Coliforms	1.8	1.8 MPN/100mL	
Fecal Strep-SM9230 in Water (SM9230B)			
Fecal Streptococcus		1.8 MPN/100mL	
Fecal Strep - Hi Dil - SM9230 in Water (SM9230B)			
Fecal Streptococcus		1.8 MPN/100mL	
Het PC Water Non-SDWA in Water (SM9215B)			
Heterotrophic Plate Count	1.0	1.0 CFU/ml	
Inhibitory Substance in Water (SM9020B)			
Coliform, Fecal 15 Tube in Soil (SM9221)			
Fecal Coliforms	1.8	1.8 MPN/g	
Coliform, Fecal High Dilution in Soil (SM9221)			
Fecal Coliforms	1.8	1.8 MPN/g	
Coliform, Total 15 Tube in Soil (SM9221)			
Total Coliforms	1.8	1.8 MPN/g	
Coliform, Total High Dilution in Soil (SM9221)			
Total Coliforms	1.8	1.8 MPN/g	
Coliform, Fecal High Dilution in Other (W) (SM9221)			
Fecal Coliforms	1.8	1.8 MPN/g	
Coliform, Total High Dilution in Other (W) (SM9221)			
Total Coliforms	1.8	1.8 MPN/g	

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Inhibitory Substance in Other (W) (SM9020B)							
Coliform, Fecal High Dilution in Other (V) (SM9221)							
Fecal Coliforms	1.8	1.8 MPN/100mL					
Inhibitory Substance in Other (V) (SM9020B)							
Miscellaneous Microbiological Parameters							
BQLW-Micro in Water (BQLW)							
Bacteriological Quality		0.0 Ratio					
TPH by EPA/LUFT GC Methods							
TPH D in Water (8015DRO)							
TPH as Diesel	50	250 ug/L	61 - 120	25	61 - 120	25	
surr: Tetratetracontane			39 - 120				
TPH D/MO in Water (8015DRO)							
TPH as Diesel	50	250 ug/L	61 - 120	25	61 - 120	25	
TPH as Motor Oil	100	250 ug/L	71 - 125	25	71 - 125	25	
surr: Tetratetracontane			39 - 120				
TPH D in Soil (8015DRO)							
TPH as Diesel	0.70	1.0 mg/kg	65 - 95	25	65 - 95	25	
surr: Tetratetracontane			48 - 120				
TPH D in Other (W) (8015DRO)							
TPH as Diesel	0.70	1.0 mg/kg	65 - 95	25	65 - 95	25	
surr: Tetratetracontane			48 - 120				
TPH D in Other (V) (8015DRO)							
TPH as Diesel	50	250 ug/L	61 - 120	25	61 - 120	25	
surr: Tetratetracontane			20 - 152				

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TPH by EPA/LUFT GCMS Methods

TPH G 8260 in Water (8260GRO)

TPH as Gasoline	50	50 ug/L	37 - 156	25	67 - 132	25
TPH as Gasoline	50	50 ug/L	37 - 156	25	67 - 132	25
surr: Toluene-d8			76 - 129			
surr: Toluene-d8			76 - 129			

TPH by EPA GC Methods

TPH G in Water (EPA 8015B)

TPH as Gasoline	20	50 ug/L				
surr: Trifluorotoluene (TFT)	0.20		60 - 140			

TPH G in Soil (EPA 8015B)

TPH as Gasoline	0.62	1.0 mg/kg				
surr: Trifluorotoluene (TFT)	0.00010		60 - 140			

TPH G in Other (W) (EPA 8015B)

TPH as Gasoline	0.62	1.0 mg/kg				
surr: Trifluorotoluene (TFT)	0.00010		60 - 140			

Volatile Organic Compounds by EPA Method 524.2

524.2 Regulated Compounds Only in Water (EPA 524.2)

Benzene	0.10	0.50 ug/L	70 - 130	30	70 - 130	30
Carbon tetrachloride	0.30	0.50 ug/L	70 - 130	30	70 - 130	30
Chlorobenzene	0.20	0.50 ug/L	70 - 130	30	70 - 130	30
1,2-Dichlorobenzene	0.20	0.50 ug/L	70 - 130	30	70 - 130	30
1,4-Dichlorobenzene	0.20	0.50 ug/L	70 - 130	30	70 - 130	30
1,1-Dichloroethane	0.20	0.50 ug/L	70 - 130	30	70 - 130	30
1,2-Dichloroethane	0.10	0.50 ug/L	70 - 130	30	70 - 130	30

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1,1-Dichloroethene	0.30	0.50 ug/L	70 - 130	30	70 - 130	30
cis-1,2-Dichloroethene	0.10	0.50 ug/L	70 - 130	30	70 - 130	30
trans-1,2-Dichloroethene	0.10	0.50 ug/L	70 - 130	30	70 - 130	30
1,2-Dichloropropane	0.20	0.50 ug/L	70 - 130	30	70 - 130	30
1,3-Dichloropropene (total)	0.30	0.50 ug/L				
Ethylbenzene	0.20	0.50 ug/L	70 - 130	30	70 - 130	30
Methyl tert-butyl ether	0.50	3.0 ug/L	70 - 130	30	70 - 130	30
Methylene chloride	0.40	0.50 ug/L	70 - 130	30	70 - 130	30
Styrene	0.20	0.50 ug/L	70 - 130	30	70 - 130	30
1,1,2,2-Tetrachloroethane	0.20	0.50 ug/L	70 - 130	30	70 - 130	30
Tetrachloroethene	0.20	0.50 ug/L	70 - 130	30	70 - 130	30
Toluene	0.30	0.50 ug/L	70 - 130	30	70 - 130	30
1,2,4-Trichlorobenzene	0.40	0.50 ug/L	70 - 130	30	70 - 130	30
1,1,1-Trichloroethane	0.40	0.50 ug/L	70 - 130	30	70 - 130	30
1,1,2-Trichloroethane	0.20	0.50 ug/L	70 - 130	30	70 - 130	30
Trichloroethene	0.10	0.50 ug/L	70 - 130	30	70 - 130	30
Trichlorofluoromethane	0.50	5.0 ug/L	70 - 130	30	70 - 130	30
Trichlorotrifluoroethane	0.40	10 ug/L	70 - 130	30	70 - 130	30
Vinyl chloride	0.50	0.50 ug/L	70 - 130	30	70 - 130	30
Xylenes (total)	0.20	0.50 ug/L	70 - 130	30	70 - 130	30
surr: Bromofluorobenzene			70 - 130			
surr: Dibromofluoromethane			70 - 130			
surr: Toluene-d8			70 - 130			
524.2 Volatiles in Water (EPA 524.2)						
Acetone	2.0	5.0 ug/L	70 - 130	30	70 - 130	30
Acrylonitrile	0.40	5.0 ug/L	70 - 130	30	70 - 130	30
Benzene	0.10	0.50 ug/L	70 - 130	30	70 - 130	30
Bromobenzene	0.20	0.50 ug/L	70 - 130	30	70 - 130	30
Bromochloromethane	0.40	0.50 ug/L	70 - 130	30	70 - 130	30

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Bromodichloromethane	0.20	1.0 ug/L	70 - 130	30	70 - 130	30
Bromoform	0.30	1.0 ug/L	70 - 130	30	70 - 130	30
Bromomethane	0.40	0.50 ug/L	70 - 130	30	70 - 130	30
n-Butylbenzene	0.50	0.50 ug/L	70 - 130	30	70 - 130	30
sec-Butylbenzene	0.20	0.50 ug/L	70 - 130	30	70 - 130	30
tert-Butylbenzene	0.50	0.50 ug/L	70 - 130	30	70 - 130	30
Carbon disulfide	0.40	0.50 ug/L	70 - 130	30	70 - 130	30
Carbon tetrachloride	0.30	0.50 ug/L	70 - 130	30	70 - 130	30
Chlorobenzene	0.20	0.50 ug/L	70 - 130	30	70 - 130	30
Chloroethane	0.30	0.50 ug/L	70 - 130	30	70 - 130	30
Chloroform	0.30	1.0 ug/L	70 - 130	30	70 - 130	30
Chloromethane	0.40	0.50 ug/L	70 - 130	30	70 - 130	30
2-Chlorotoluene	0.20	0.50 ug/L	70 - 130	30	70 - 130	30
4-Chlorotoluene	0.20	0.50 ug/L	70 - 130	30	70 - 130	30
Dibromochloromethane	0.30	1.0 ug/L	70 - 130	30	70 - 130	30
Dibromomethane	0.20	0.50 ug/L	70 - 130	30	70 - 130	30
1,2-Dichlorobenzene	0.20	0.50 ug/L	70 - 130	30	70 - 130	30
1,3-Dichlorobenzene	0.20	0.50 ug/L	70 - 130	30	70 - 130	30
1,4-Dichlorobenzene	0.20	0.50 ug/L	70 - 130	30	70 - 130	30
Dichlorodifluoromethane	0.50	0.50 ug/L	70 - 130	30	70 - 130	30
1,1-Dichloroethane	0.20	0.50 ug/L	70 - 130	30	70 - 130	30
1,2-Dichloroethane	0.10	0.50 ug/L	70 - 130	30	70 - 130	30
1,1-Dichloroethene	0.30	0.50 ug/L	70 - 130	30	70 - 130	30
cis-1,2-Dichloroethene	0.10	0.50 ug/L	70 - 130	30	70 - 130	30
trans-1,2-Dichloroethene	0.10	0.50 ug/L	70 - 130	30	70 - 130	30
1,3-Dichloropropene (total)	0.30	0.50 ug/L				
1,2-Dichloropropane	0.20	0.50 ug/L	70 - 130	30	70 - 130	30
1,3-Dichloropropane	0.10	0.50 ug/L	70 - 130	30	70 - 130	30
2,2-Dichloropropane	0.30	0.50 ug/L	70 - 130	30	70 - 130	30
1,1-Dichloropropene	0.20	0.50 ug/L	70 - 130	30	70 - 130	30

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cis-1,3-Dichloropropene	0.30	0.50 ug/L	70 - 130	30	70 - 130	30
trans-1,3-Dichloropropene	0.30	0.50 ug/L	70 - 130	30	70 - 130	30
Ethylbenzene	0.20	0.50 ug/L	70 - 130	30	70 - 130	30
Hexachlorobutadiene	0.40	0.50 ug/L	70 - 130	30	70 - 130	30
Isopropylbenzene	0.20	0.50 ug/L	70 - 130	30	70 - 130	30
p-Isopropyltoluene	0.50	0.50 ug/L	70 - 130	30	70 - 130	30
Methyl ethyl ketone	0.20	5.0 ug/L	70 - 130	30	70 - 130	30
Methyl tert-butyl ether	0.50	3.0 ug/L	70 - 130	30	70 - 130	30
Methyl isobutyl ketone	0.30	5.0 ug/L	70 - 130	30	70 - 130	30
Methylene chloride	0.40	0.50 ug/L	70 - 130	30	70 - 130	30
Naphthalene	0.50	0.50 ug/L	70 - 130	30	70 - 130	30
n-Propylbenzene	0.50	0.50 ug/L	70 - 130	30	70 - 130	30
Styrene	0.20	0.50 ug/L	70 - 130	30	70 - 130	30
1,1,1,2-Tetrachloroethane	0.40	0.50 ug/L	70 - 130	30	70 - 130	30
1,1,2,2-Tetrachloroethane	0.20	0.50 ug/L	70 - 130	30	70 - 130	30
Tetrachloroethene	0.20	0.50 ug/L	70 - 130	30	70 - 130	30
Toluene	0.30	0.50 ug/L	70 - 130	30	70 - 130	30
1,2,3-Trichlorobenzene	0.40	0.50 ug/L	70 - 130	30	70 - 130	30
1,2,4-Trichlorobenzene	0.40	0.50 ug/L	70 - 130	30	70 - 130	30
1,1,1-Trichloroethane	0.40	0.50 ug/L	70 - 130	30	70 - 130	30
1,1,2-Trichloroethane	0.20	0.50 ug/L	70 - 130	30	70 - 130	30
Trichloroethene	0.10	0.50 ug/L	70 - 130	30	70 - 130	30
Trichlorofluoromethane	0.50	5.0 ug/L	70 - 130	30	70 - 130	30
Trichlorotrifluoroethane	0.40	10 ug/L	70 - 130	30	70 - 130	30
1,2,4-Trimethylbenzene	0.50	0.50 ug/L	70 - 130	30	70 - 130	30
1,3,5-Trimethylbenzene	0.50	0.50 ug/L	70 - 130	30	70 - 130	30
Vinyl chloride	0.50	0.50 ug/L	70 - 130	30	70 - 130	30
m,p-Xylene	0.20	0.50 ug/L	70 - 130	30	70 - 130	30
o-Xylene	0.20	0.50 ug/L	70 - 130	30	70 - 130	30
Xylenes (total)	0.20	0.50 ug/L	70 - 130	30	70 - 130	30

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Trihalomethanes (total)	0.30	0.50 ug/L				
surr: Bromofluorobenzene			70 - 130			
surr: Dibromofluoromethane			70 - 130			
surr: Toluene-d8			70 - 130			
Trihalomethanes 524.2 in Water (EPA 524.2)						
Bromodichloromethane	0.20000	1.0000 ug/L	70 - 130	30	70 - 130	30
Bromoform	0.30000	1.0000 ug/L	70 - 130	30	70 - 130	30
Chloroform	0.30000	1.0000 ug/L	70 - 130	30	70 - 130	30
Dibromochloromethane	0.30000	1.0000 ug/L	70 - 130	30	70 - 130	30
Trihalomethanes (total)	0.30000	1.0000 ug/L				
surr: Bromofluorobenzene			70 - 130			
surr: Dibromofluoromethane			70 - 130			
surr: Toluene-d8			70 - 130			
Acrolein by EPA Method 624.1						
624.1 Acrolein in Water (EPA 624.1)						
Acrolein	2.0	5.0 ug/L	40 - 160	60	60 - 140	25
surr: Bromofluorobenzene			70 - 130			
surr: Dibromofluoromethane			70 - 130			
surr: Toluene-d8			70 - 130			
2-Chloroethylvinyl Ether by EPA Method 624.1						
2-Chloroethyl Vinyl Ether by EPA 624.1 in Water (EPA 624.1)						
2-Chloroethylvinyl ether	0.70	1.0 ug/L	3 - 305	71	3 - 225	30
2-Chloroethylvinyl ether	0.70	1.0 ug/L	3 - 305	71	3 - 225	30
surr: Bromofluorobenzene			70 - 130			
surr: Bromofluorobenzene			70 - 130			
surr: Dibromofluoromethane			70 - 130			

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 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Analytical Services Quotation

Contact: Walter Norosky
Client: Santa Rosa, City of - Utilities Dept.
Address: 4300 Llano Rd.
 Santa Rosa CA, 95407
Phone: (707) 543-4369
Project: 1 - Master Services List

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surr: Dibromofluoromethane	70 - 130
surr: Toluene-d8	70 - 130
surr: Toluene-d8	70 - 130

Volatile Organic Compounds by EPA Method 624.1

CTR 624.1 Volatiles in Water (EPA 624.1)

Acrylonitrile	0.40	2.0 ug/L	40 - 160	60	60 - 140	25
Benzene	0.30	0.30 ug/L	37 - 151	61	65 - 135	25
Bromoform	0.30	0.50 ug/L	45 - 169	42	70 - 130	25
Carbon tetrachloride	0.40	0.50 ug/L	70 - 140	41	70 - 130	25
Chlorobenzene	0.30	0.50 ug/L	37 - 160	53	65 - 135	25
Dibromochloromethane	0.40	0.50 ug/L	53 - 149	50	70 - 135	25
Chloroethane	0.40	0.50 ug/L	14 - 230	78	40 - 160	25
Chloroform	0.40	0.50 ug/L	51 - 138	54	70 - 135	25
Bromodichloromethane	0.40	0.50 ug/L	35 - 155	56	65 - 135	25
1,1-Dichloroethane	0.30	0.50 ug/L	59 - 155	40	70 - 130	25
1,2-Dichloroethane	0.40	0.50 ug/L	49 - 155	49	70 - 130	25
1,1-Dichloroethene	0.30	0.50 ug/L	2 - 234	32	50 - 150	25
1,2-Dichloropropane	0.40	0.50 ug/L	2 - 210	55	35 - 165	25
cis-1,3-Dichloropropene	0.40	0.50 ug/L	2 - 227	58	25 - 175	25
trans-1,3-Dichloropropene	0.40	0.50 ug/L	17 - 183	86	50 - 150	25
Ethylbenzene	0.40	0.50 ug/L	37 - 162	63	60 - 140	25
Bromomethane	0.40	0.50 ug/L	2 - 242	61	15 - 185	25
Chloromethane	0.40	0.50 ug/L	2 - 273	60	2 - 205	25
Methylene chloride	0.50	0.50 ug/L	2 - 221	28	60 - 140	25
1,1,2,2-Tetrachloroethane	0.30	0.50 ug/L	46 - 157	61	60 - 140	25
Tetrachloroethene	0.40	0.50 ug/L	64 - 148	39	70 - 130	25
Toluene	0.30	0.30 ug/L	47 - 150	41	70 - 130	25
trans-1,2-Dichloroethene	0.40	0.50 ug/L	54 - 156	45	70 - 130	25

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1,1,1-Trichloroethane	0.40	0.50 ug/L	52 - 162	36	70 - 130	25
1,1,2-Trichloroethane	0.40	0.50 ug/L	52 - 150	45	70 - 130	25
Trichloroethene	0.40	0.50 ug/L	70 - 157	48	65 - 135	25
Vinyl chloride	0.40	0.50 ug/L	2 - 251	66	5 - 195	25
Trihalomethanes (total)	0.40	0.50 ug/L				
1,2-Dichlorobenzene	0.40	0.50 ug/L	18 - 190	57	65 - 135	25
1,3-Dichlorobenzene	0.40	0.50 ug/L	59 - 156	43	70 - 130	25
1,4-Dichlorobenzene	0.10	0.50 ug/L	18 - 190	57	65 - 135	25
surr: Bromofluorobenzene			70 - 130			
surr: Dibromofluoromethane			70 - 130			
surr: Toluene-d8			70 - 130			
624.1 Volatiles in Water (EPA 624.1)						
Acetone	3.0	5.0 ug/L	39 - 175	25	55 - 146	25
Benzene	0.30	0.30 ug/L	37 - 151	61	65 - 135	25
Bromodichloromethane	0.40	0.50 ug/L	35 - 155	56	65 - 135	25
Bromoform	0.30	0.50 ug/L	45 - 169	42	70 - 130	25
Bromomethane	0.40	0.50 ug/L	2 - 242	61	15 - 185	25
Carbon tetrachloride	0.40	0.50 ug/L	70 - 140	41	70 - 130	25
Chlorobenzene	0.30	0.50 ug/L	37 - 160	53	65 - 135	25
Chloroethane	0.40	0.50 ug/L	14 - 230	78	40 - 160	25
Chloroform	0.40	0.50 ug/L	51 - 138	54	70 - 135	25
Chloromethane	0.40	0.50 ug/L	2 - 273	60	2 - 205	25
Dibromochloromethane	0.40	0.50 ug/L	53 - 149	50	70 - 135	25
1,2-Dibromoethane (EDB)	0.40	0.50 ug/L	70 - 130	25	70 - 130	25
1,2-Dichlorobenzene	0.40	0.50 ug/L	18 - 190	57	65 - 135	25
1,3-Dichlorobenzene	0.40	0.50 ug/L	59 - 156	43	70 - 130	25
1,4-Dichlorobenzene	0.10	0.50 ug/L	18 - 190	57	65 - 135	25
1,1-Dichloroethane	0.30	0.50 ug/L	59 - 155	40	70 - 130	25
1,2-Dichloroethane	0.40	0.50 ug/L	49 - 155	49	70 - 130	25

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1,1-Dichloroethene	0.30	0.50 ug/L	2 - 234	32	50 - 150	25
cis-1,2-Dichloroethene	0.40	0.50 ug/L	70 - 130	25	70 - 130	25
trans-1,2-Dichloroethene	0.40	0.50 ug/L	54 - 156	45	70 - 130	25
1,2-Dichloropropane	0.40	0.50 ug/L	2 - 210	55	35 - 165	25
cis-1,3-Dichloropropene	0.40	0.50 ug/L	2 - 227	58	25 - 175	25
trans-1,3-Dichloropropene	0.40	0.50 ug/L	17 - 183	86	50 - 150	25
Ethylbenzene	0.40	0.50 ug/L	37 - 162	63	60 - 140	25
1,3-Dichloropropene (total)	0.40	0.50 ug/L				
Methyl ethyl ketone	0.70	1.0 ug/L	54 - 159	61	70 - 136	25
Methyl isobutyl ketone	0.60	1.0 ug/L	70 - 139	25	70 - 130	25
Methylene chloride	0.50	0.50 ug/L	2 - 221	28	60 - 140	25
Styrene	0.40	0.50 ug/L	70 - 141	25	70 - 130	25
1,1,2,2-Tetrachloroethane	0.30	0.50 ug/L	46 - 157	61	60 - 140	25
Tetrachloroethene	0.40	0.50 ug/L	64 - 148	39	70 - 130	25
Toluene	0.30	0.30 ug/L	47 - 150	41	70 - 130	25
1,1,2-Trichloroethane	0.40	0.50 ug/L	52 - 150	45	70 - 130	25
1,1,1-Trichloroethane	0.40	0.50 ug/L	52 - 162	36	70 - 130	25
Trichloroethene	0.40	0.50 ug/L	70 - 157	48	65 - 135	25
Vinyl chloride	0.40	0.50 ug/L	2 - 251	66	5 - 195	25
o-Xylene	0.40	0.50 ug/L	70 - 146	25	70 - 130	25
m,p-Xylene	0.50	0.50 ug/L	70 - 152	25	70 - 130	25
Xylenes (total)	0.50	0.50 ug/L	70 - 149	25	70 - 130	25
surr: Bromofluorobenzene			70 - 130			
surr: Dibromofluoromethane			70 - 130			
surr: Toluene-d8			70 - 130			

Volatile Organic Compounds by EPA Method 8260B

8260B Full List in Wipe (EPA 8260B)

Acetone	0.60	5.0 ug/Wipe	32 - 164	25	48 - 124	25
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Benzene	0.30	0.30 ug/Wipe	58 - 139	25	82 - 122	25
Bromobenzene	0.20	0.50 ug/Wipe	63 - 143	25	83 - 122	25
Bromochloromethane	0.30	0.50 ug/Wipe	60 - 141	25	83 - 124	25
Bromodichloromethane	0.20	0.50 ug/Wipe	62 - 140	25	86 - 135	25
Bromoform	0.20	0.50 ug/Wipe	47 - 165	25	76 - 144	25
Bromomethane	0.40	0.50 ug/Wipe	30 - 163	25	69 - 145	25
n-Butylbenzene	0.40	0.50 ug/Wipe	57 - 147	25	79 - 132	25
sec-Butylbenzene	0.40	0.50 ug/Wipe	64 - 155	25	86 - 132	25
tert-Butylbenzene	0.40	0.50 ug/Wipe	57 - 150	25	82 - 126	25
Carbon tetrachloride	0.30	0.50 ug/Wipe	65 - 153	25	77 - 134	25
Chlorobenzene	0.20	0.50 ug/Wipe	58 - 137	25	84 - 119	25
Chloroethane	0.40	0.50 ug/Wipe	59 - 141	25	68 - 133	25
Chloroform	0.20	0.50 ug/Wipe	36 - 151	25	81 - 122	25
Chloromethane	0.40	0.50 ug/Wipe	69 - 149	25	63 - 129	25
2-Chlorotoluene	0.20	0.50 ug/Wipe	54 - 150	25	79 - 132	25
4-Chlorotoluene	0.20	0.50 ug/Wipe	59 - 140	25	80 - 122	25
Dibromochloromethane	0.30	0.50 ug/Wipe	54 - 157	25	83 - 135	25
1,2-Dibromo-3-chloropropane	0.30	0.50 ug/Wipe	54 - 137	25	73 - 128	25
1,2-Dibromoethane (EDB)	0.30	0.50 ug/Wipe	40 - 147	25	80 - 120	25
Dibromomethane	0.20	0.50 ug/Wipe	59 - 139	25	82 - 124	25
1,2-Dichlorobenzene	0.20	0.50 ug/Wipe	57 - 137	25	84 - 121	25
1,3-Dichlorobenzene	0.30	0.50 ug/Wipe	54 - 137	25	80 - 120	25
1,4-Dichlorobenzene	0.20	0.50 ug/Wipe	61 - 131	25	84 - 120	25
Dichlorodifluoromethane	0.40	0.50 ug/Wipe	39 - 162	25	52 - 142	25
1,1-Dichloroethane	0.20	0.50 ug/Wipe	64 - 136	25	81 - 126	25
1,2-Dichloroethane	0.20	0.50 ug/Wipe	58 - 133	25	77 - 117	25
1,1-Dichloroethene	0.30	0.50 ug/Wipe	45 - 178	25	71 - 151	25
cis-1,2-Dichloroethene	0.30	0.50 ug/Wipe	66 - 141	25	84 - 131	25
trans-1,2-Dichloroethene	0.30	0.50 ug/Wipe	59 - 151	25	79 - 128	25
1,2-Dichloropropane	0.20	0.50 ug/Wipe	62 - 128	25	82 - 125	25

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1,3-Dichloropropane	0.20	0.50 ug/Wipe	62 - 139	25	83 - 120	25
2,2-Dichloropropane	0.40	0.50 ug/Wipe	40 - 167	25	80 - 125	25
1,1-Dichloropropene	0.30	0.50 ug/Wipe	58 - 148	25	85 - 130	25
cis-1,3-Dichloropropene	0.20	0.50 ug/Wipe	50 - 140	25	83 - 128	25
trans-1,3-Dichloropropene	0.20	0.50 ug/Wipe	40 - 144	25	67 - 129	25
Ethylbenzene	0.30	0.50 ug/Wipe	59 - 147	25	84 - 124	25
Hexachlorobutadiene	0.40	0.50 ug/Wipe	56 - 149	25	75 - 135	25
Isopropylbenzene	0.30	0.50 ug/Wipe	56 - 134	25	75 - 116	25
p-Isopropyltoluene	0.30	0.50 ug/Wipe	54 - 148	25	78 - 124	25
Methyl ethyl ketone	0.30	1.0 ug/Wipe	62 - 126	25	58 - 157	25
Methyl isobutyl ketone	0.40	1.0 ug/Wipe	66 - 127	25	70 - 130	25
Methyl tert-butyl ether	0.40	0.50 ug/Wipe	55 - 144	25	84 - 119	25
Methylene chloride	0.50	0.50 ug/Wipe	43 - 143	25	72 - 132	25
Naphthalene	0.30	0.50 ug/Wipe	52 - 157	25	84 - 134	25
n-Propylbenzene	0.30	0.50 ug/Wipe	55 - 145	25	75 - 127	25
Styrene	0.30	0.50 ug/Wipe	51 - 157	25	80 - 125	25
1,1,1,2-Tetrachloroethane	0.20	0.50 ug/Wipe	58 - 146	25	80 - 132	25
1,1,2,2-Tetrachloroethane	0.30	0.50 ug/Wipe	73 - 127	25	84 - 115	25
Tetrachloroethene	0.40	0.50 ug/Wipe	49 - 148	25	56 - 156	25
Toluene	0.30	0.30 ug/Wipe	59 - 147	25	76 - 137	25
1,2,3-Trichlorobenzene	0.50	0.50 ug/Wipe	50 - 161	25	85 - 133	25
1,2,4-Trichlorobenzene	0.20	0.50 ug/Wipe	50 - 150	25	84 - 126	25
1,1,1-Trichloroethane	0.30	0.50 ug/Wipe	62 - 144	25	70 - 130	25
1,1,2-Trichloroethane	0.30	0.50 ug/Wipe	62 - 129	25	83 - 122	25
Trichloroethene	0.20	0.50 ug/Wipe	58 - 140	25	84 - 123	25
Trichlorofluoromethane	0.50	0.50 ug/Wipe	56 - 144	25	74 - 130	25
Trichlorotrifluoroethane	0.40	0.50 ug/Wipe	59 - 139	25	82 - 125	25
1,2,3-Trichloropropane	0.30	0.50 ug/Wipe	61 - 139	25	78 - 122	25
1,2,4-Trimethylbenzene	0.20	0.50 ug/Wipe	58 - 152	25	85 - 127	25
1,3,5-Trimethylbenzene	0.30	0.50 ug/Wipe	58 - 148	25	80 - 125	25

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Vinyl chloride	0.40	0.50 ug/Wipe	53 - 160	25	70 - 130	25
m,p-Xylene	0.50	0.50 ug/Wipe	53 - 147	25	81 - 124	25
o-Xylene	0.20	0.50 ug/Wipe	55 - 148	25	80 - 126	25
Xylenes (total)	0.50	0.50 ug/Wipe	49 - 153	25	81 - 126	25
surr: Dibromofluoromethane			71 - 136			
surr: Toluene-d8			80 - 130			
surr: Bromofluorobenzene			70 - 130			
8260B Full List in Water (EPA 8260B)						
Acetone	3.0	5.0 ug/L	32 - 164	25	48 - 124	25
Acetone	3.0	5.0 ug/L	32 - 164	25	48 - 124	25
Benzene	0.30	0.30 ug/L	58 - 139	25	82 - 122	25
Benzene	0.30	0.30 ug/L	58 - 139	25	82 - 122	25
Bromobenzene	0.40	0.50 ug/L	63 - 143	25	83 - 122	25
Bromobenzene	0.40	0.50 ug/L	63 - 143	25	83 - 122	25
Bromochloromethane	0.40	0.50 ug/L	60 - 141	25	83 - 124	25
Bromochloromethane	0.40	0.50 ug/L	60 - 141	25	83 - 124	25
Bromodichloromethane	0.40	0.50 ug/L	62 - 140	25	86 - 135	25
Bromodichloromethane	0.40	0.50 ug/L	62 - 140	25	86 - 135	25
Bromoform	0.30	0.50 ug/L	47 - 165	25	76 - 144	25
Bromoform	0.30	0.50 ug/L	47 - 165	25	76 - 144	25
Bromomethane	0.40	0.50 ug/L	30 - 163	25	69 - 145	25
Bromomethane	0.40	0.50 ug/L	30 - 163	25	69 - 145	25
n-Butylbenzene	0.40	0.50 ug/L	57 - 147	25	79 - 132	25
n-Butylbenzene	0.40	0.50 ug/L	57 - 147	25	79 - 132	25
sec-Butylbenzene	0.40	0.50 ug/L	64 - 155	25	86 - 132	25
sec-Butylbenzene	0.40	0.50 ug/L	64 - 155	25	86 - 132	25
tert-Butylbenzene	0.30	0.50 ug/L	57 - 150	25	82 - 126	25
tert-Butylbenzene	0.30	0.50 ug/L	57 - 150	25	82 - 126	25
Carbon tetrachloride	0.40	0.50 ug/L	65 - 153	25	77 - 134	25

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Carbon tetrachloride	0.40	0.50 ug/L	65 - 153	25	77 - 134	25
Chlorobenzene	0.30	0.50 ug/L	58 - 137	25	84 - 119	25
Chlorobenzene	0.30	0.50 ug/L	58 - 137	25	84 - 119	25
Chloroethane	0.40	0.50 ug/L	59 - 141	25	68 - 133	25
Chloroethane	0.40	0.50 ug/L	59 - 141	25	68 - 133	25
Chloroform	0.40	0.50 ug/L	36 - 151	25	81 - 122	25
Chloroform	0.40	0.50 ug/L	36 - 151	25	81 - 122	25
Chloromethane	0.40	0.50 ug/L	69 - 149	25	63 - 129	25
Chloromethane	0.40	0.50 ug/L	69 - 149	25	63 - 129	25
2-Chlorotoluene	0.40	0.50 ug/L	54 - 150	25	79 - 132	25
2-Chlorotoluene	0.40	0.50 ug/L	54 - 150	25	79 - 132	25
4-Chlorotoluene	0.30	0.50 ug/L	59 - 140	25	80 - 122	25
4-Chlorotoluene	0.30	0.50 ug/L	59 - 140	25	80 - 122	25
Dibromochloromethane	0.40	0.50 ug/L	54 - 157	25	83 - 135	25
Dibromochloromethane	0.40	0.50 ug/L	54 - 157	25	83 - 135	25
1,2-Dibromo-3-chloropropane	0.60	2.0 ug/L	54 - 137	25	73 - 128	25
1,2-Dibromo-3-chloropropane	0.60	2.0 ug/L	54 - 137	25	73 - 128	25
1,2-Dibromoethane (EDB)	0.40	0.50 ug/L	40 - 147	25	80 - 120	25
1,2-Dibromoethane (EDB)	0.40	0.50 ug/L	40 - 147	25	80 - 120	25
Dibromomethane	0.40	0.50 ug/L	59 - 139	25	82 - 124	25
Dibromomethane	0.40	0.50 ug/L	59 - 139	25	82 - 124	25
1,2-Dichlorobenzene	0.40	0.50 ug/L	57 - 137	25	84 - 121	25
1,2-Dichlorobenzene	0.40	0.50 ug/L	57 - 137	25	84 - 121	25
1,3-Dichlorobenzene	0.40	0.50 ug/L	54 - 137	25	80 - 120	25
1,3-Dichlorobenzene	0.40	0.50 ug/L	54 - 137	25	80 - 120	25
1,4-Dichlorobenzene	0.10	0.50 ug/L	61 - 131	25	84 - 120	25
1,4-Dichlorobenzene	0.10	0.50 ug/L	61 - 131	25	84 - 120	25
Dichlorodifluoromethane	0.40	0.50 ug/L	39 - 162	25	52 - 142	25
Dichlorodifluoromethane	0.40	0.50 ug/L	39 - 162	25	52 - 142	25
1,1-Dichloroethane	0.30	0.50 ug/L	64 - 136	25	81 - 126	25

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 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Analytical Services Quotation

Contact: Walter Norosky
Client: Santa Rosa, City of - Utilities Dept.
Address: 4300 Llano Rd.
 Santa Rosa CA, 95407
Phone: (707) 543-4369
Project: 1 - Master Services List

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1,1-Dichloroethane	0.30	0.50 ug/L	64 - 136	25	81 - 126	25
1,2-Dichloroethane	0.40	0.50 ug/L	58 - 133	25	77 - 117	25
1,2-Dichloroethane	0.40	0.50 ug/L	58 - 133	25	77 - 117	25
1,1-Dichloroethene	0.30	0.50 ug/L	45 - 178	25	71 - 151	25
1,1-Dichloroethene	0.30	0.50 ug/L	45 - 178	25	71 - 151	25
cis-1,2-Dichloroethene	0.40	0.50 ug/L	66 - 141	25	84 - 131	25
cis-1,2-Dichloroethene	0.40	0.50 ug/L	66 - 141	25	84 - 131	25
trans-1,2-Dichloroethene	0.40	0.50 ug/L	59 - 151	25	79 - 128	25
trans-1,2-Dichloroethene	0.40	0.50 ug/L	59 - 151	25	79 - 128	25
1,2-Dichloropropane	0.40	0.50 ug/L	62 - 128	25	82 - 125	25
1,2-Dichloropropane	0.40	0.50 ug/L	62 - 128	25	82 - 125	25
1,3-Dichloropropane	0.40	0.50 ug/L	62 - 139	25	83 - 120	25
1,3-Dichloropropane	0.40	0.50 ug/L	62 - 139	25	83 - 120	25
2,2-Dichloropropane	0.50	0.50 ug/L	40 - 167	25	80 - 125	25
2,2-Dichloropropane	0.50	0.50 ug/L	40 - 167	25	80 - 125	25
1,1-Dichloropropene	0.40	0.50 ug/L	58 - 148	25	85 - 130	25
1,1-Dichloropropene	0.40	0.50 ug/L	58 - 148	25	85 - 130	25
cis-1,3-Dichloropropene	0.40	0.50 ug/L	50 - 140	25	83 - 128	25
cis-1,3-Dichloropropene	0.40	0.50 ug/L	50 - 140	25	83 - 128	25
trans-1,3-Dichloropropene	0.40	0.50 ug/L	40 - 144	25	67 - 129	25
trans-1,3-Dichloropropene	0.40	0.50 ug/L	40 - 144	25	67 - 129	25
Ethylbenzene	0.40	0.50 ug/L	59 - 147	25	84 - 124	25
Ethylbenzene	0.40	0.50 ug/L	59 - 147	25	84 - 124	25
Hexachlorobutadiene	0.50	0.50 ug/L	56 - 149	25	75 - 135	25
Hexachlorobutadiene	0.50	0.50 ug/L	56 - 149	25	75 - 135	25
Isopropylbenzene	0.40	0.50 ug/L	56 - 134	25	75 - 116	25
Isopropylbenzene	0.40	0.50 ug/L	56 - 134	25	75 - 116	25
p-Isopropyltoluene	0.40	0.50 ug/L	54 - 148	25	78 - 124	25
p-Isopropyltoluene	0.40	0.50 ug/L	54 - 148	25	78 - 124	25
Methyl ethyl ketone	0.70	1.0 ug/L	62 - 126	25	58 - 157	25

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Methyl ethyl ketone	0.70	1.0 ug/L	62 - 126	25	58 - 157	25
Methyl isobutyl ketone	0.60	1.0 ug/L	66 - 127	25	70 - 130	25
Methyl isobutyl ketone	0.60	1.0 ug/L	66 - 127	25	70 - 130	25
Methyl tert-butyl ether	0.50	0.50 ug/L	55 - 144	25	84 - 119	25
Methyl tert-butyl ether	0.50	0.50 ug/L	55 - 144	25	84 - 119	25
Methylene chloride	0.50	0.50 ug/L	43 - 143	25	72 - 132	25
Methylene chloride	0.50	0.50 ug/L	43 - 143	25	72 - 132	25
Naphthalene	0.50	0.50 ug/L	52 - 157	25	84 - 134	25
Naphthalene	0.50	0.50 ug/L	52 - 157	25	84 - 134	25
n-Propylbenzene	0.40	0.50 ug/L	55 - 145	25	75 - 127	25
n-Propylbenzene	0.40	0.50 ug/L	55 - 145	25	75 - 127	25
Styrene	0.40	0.50 ug/L	51 - 157	25	80 - 125	25
Styrene	0.40	0.50 ug/L	51 - 157	25	80 - 125	25
1,1,1,2-Tetrachloroethane	0.40	0.50 ug/L	58 - 146	25	80 - 132	25
1,1,1,2-Tetrachloroethane	0.40	0.50 ug/L	58 - 146	25	80 - 132	25
1,1,2,2-Tetrachloroethane	0.30	0.50 ug/L	73 - 127	25	84 - 115	25
1,1,2,2-Tetrachloroethane	0.30	0.50 ug/L	73 - 127	25	84 - 115	25
Tetrachloroethene	0.40	0.50 ug/L	49 - 148	25	56 - 156	25
Tetrachloroethene	0.40	0.50 ug/L	49 - 148	25	56 - 156	25
Toluene	0.30	0.30 ug/L	59 - 147	25	76 - 137	25
Toluene	0.30	0.30 ug/L	59 - 147	25	76 - 137	25
1,2,3-Trichlorobenzene	0.50	0.50 ug/L	50 - 161	25	85 - 133	25
1,2,3-Trichlorobenzene	0.50	0.50 ug/L	50 - 161	25	85 - 133	25
1,2,4-Trichlorobenzene	0.20	0.50 ug/L	50 - 150	25	84 - 126	25
1,2,4-Trichlorobenzene	0.20	0.50 ug/L	50 - 150	25	84 - 126	25
1,1,1-Trichloroethane	0.40	0.50 ug/L	62 - 144	25	70 - 130	25
1,1,1-Trichloroethane	0.40	0.50 ug/L	62 - 144	25	70 - 130	25
1,1,2-Trichloroethane	0.40	0.50 ug/L	62 - 129	25	83 - 122	25
1,1,2-Trichloroethane	0.40	0.50 ug/L	62 - 129	25	83 - 122	25
Trichloroethene	0.40	0.50 ug/L	58 - 140	25	84 - 123	25

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Trichloroethene	0.40	0.50 ug/L	58 - 140	25	84 - 123	25
Trichlorofluoromethane	0.20	0.50 ug/L	56 - 144	25	74 - 130	25
Trichlorofluoromethane	0.20	0.50 ug/L	56 - 144	25	74 - 130	25
Trichlorotrifluoroethane	0.20	0.50 ug/L	59 - 139	25	82 - 125	25
Trichlorotrifluoroethane	0.20	0.50 ug/L	59 - 139	25	82 - 125	25
1,2,3-Trichloropropane	0.40	0.50 ug/L	61 - 139	25	78 - 122	25
1,2,3-Trichloropropane	0.40	0.50 ug/L	61 - 139	25	78 - 122	25
1,2,4-Trimethylbenzene	0.40	0.50 ug/L	58 - 152	25	85 - 127	25
1,2,4-Trimethylbenzene	0.40	0.50 ug/L	58 - 152	25	85 - 127	25
1,3,5-Trimethylbenzene	0.30	0.50 ug/L	58 - 148	25	80 - 125	25
1,3,5-Trimethylbenzene	0.30	0.50 ug/L	58 - 148	25	80 - 125	25
Vinyl chloride	0.40	0.50 ug/L	53 - 160	25	70 - 130	25
Vinyl chloride	0.40	0.50 ug/L	53 - 160	25	70 - 130	25
m,p-Xylene	0.50	0.50 ug/L	53 - 147	25	81 - 124	25
m,p-Xylene	0.50	0.50 ug/L	53 - 147	25	81 - 124	25
o-Xylene	0.40	0.50 ug/L	55 - 148	25	80 - 126	25
o-Xylene	0.40	0.50 ug/L	55 - 148	25	80 - 126	25
Xylenes (total)	0.50	0.50 ug/L	49 - 153	25	81 - 126	25
Xylenes (total)	0.50	0.50 ug/L	49 - 153	25	81 - 126	25
surr: Dibromofluoromethane			71 - 136			
surr: Dibromofluoromethane			71 - 136			
surr: Toluene-d8			80 - 130			
surr: Toluene-d8			80 - 130			
surr: Bromofluorobenzene			70 - 130			
surr: Bromofluorobenzene			70 - 130			
BTEX 8260 in Water (EPA 8260B)						
Benzene	0.30	0.30 ug/L	25	58 - 139	25	82 - 122
Toluene	0.30	0.30 ug/L	25	59 - 147	25	75 - 134
Ethylbenzene	0.40	0.50 ug/L	25	59 - 147	25	84 - 124

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Xylenes (total)	0.50	0.50 ug/L	25	49 - 153	25	81 - 126	25
surr: Bromofluorobenzene				70 - 130			
surr: Dibromofluoromethane				70 - 130			
surr: Toluene-d8				70 - 130			
MTBE 8260 in Water (EPA 8260B)							
Methyl tert-butyl ether	0.50	0.50 ug/L		55 - 144	25	84 - 119	25
surr: Bromofluorobenzene				70 - 130			
surr: Dibromofluoromethane				70 - 130			
surr: Toluene-d8				70 - 130			
8260B Full List in Soil (EPA 8260B)							
Acetone	0.50	0.70 mg/kg		0 - 0	25	0 - 0	25
Benzene	0.050	0.17 mg/kg		50 - 140	25	72 - 139	25
Bromobenzene	0.050	0.17 mg/kg		0 - 0	25	0 - 0	25
Bromochloromethane	0.030	0.17 mg/kg		0 - 0	25	0 - 0	25
Bromodichloromethane	0.020	0.17 mg/kg		0 - 0	25	0 - 0	25
Bromoform	0.020	0.17 mg/kg		0 - 0	25	0 - 0	25
Bromomethane	0.050	0.17 mg/kg		0 - 0	25	0 - 0	25
n-Butylbenzene	0.050	0.17 mg/kg		0 - 0	25	0 - 0	25
sec-Butylbenzene	0.050	0.17 mg/kg		0 - 0	25	0 - 0	25
tert-Butylbenzene	0.050	0.17 mg/kg		0 - 0	25	0 - 0	25
Carbon tetrachloride	0.080	0.17 mg/kg		0 - 0	25	0 - 0	25
Chlorobenzene	0.050	0.17 mg/kg		44 - 145	25	72 - 142	25
Chloroethane	0.070	0.17 mg/kg		0 - 0	25	0 - 0	25
Chloroform	0.030	0.17 mg/kg		0 - 0	25	0 - 0	25
Chloromethane	0.050	0.17 mg/kg		0 - 0	25	0 - 0	25
2-Chlorotoluene	0.050	0.17 mg/kg		0 - 0	25	0 - 0	25
4-Chlorotoluene	0.050	0.17 mg/kg		0 - 0	25	0 - 0	25
Dibromochloromethane	0.030	0.17 mg/kg		0 - 0	25	0 - 0	25
1,2-Dibromo-3-chloropropane	0.050	0.17 mg/kg		0 - 0	25	0 - 0	25

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1,2-Dibromoethane (EDB)	0.060	0.17 mg/kg	0 - 0	25	0 - 0	25
Dibromomethane	0.030	0.17 mg/kg	0 - 0	25	0 - 0	25
1,2-Dichlorobenzene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
1,3-Dichlorobenzene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
1,4-Dichlorobenzene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
Dichlorodifluoromethane	0.030	0.17 mg/kg	0 - 0	25	0 - 0	25
1,1-Dichloroethane	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
1,2-Dichloroethane	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
1,1-Dichloroethene	0.050	0.17 mg/kg	42 - 143	25	53 - 149	25
cis-1,2-Dichloroethene	0.030	0.17 mg/kg	0 - 0	25	0 - 0	25
trans-1,2-Dichloroethene	0.030	0.17 mg/kg	0 - 0	25	0 - 0	25
1,2-Dichloropropane	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
1,3-Dichloropropane	0.10	0.17 mg/kg	0 - 0	25	0 - 0	25
2,2-Dichloropropane	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
1,1-Dichloropropene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
cis-1,3-Dichloropropene	0.030	0.17 mg/kg	0 - 0	25	0 - 0	25
trans-1,3-Dichloropropene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
Ethylbenzene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
Hexachlorobutadiene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
Isopropylbenzene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
p-Isopropyltoluene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
Methyl ethyl ketone	0.090	0.35 mg/kg	0 - 0	25	0 - 0	25
Methyl isobutyl ketone	0.060	0.35 mg/kg	0 - 0	25	0 - 0	25
Methyl tert-butyl ether	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
Methylene chloride	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
Naphthalene	0.070	0.17 mg/kg	0 - 0	25	0 - 0	25
n-Propylbenzene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
Styrene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
1,1,1,2-Tetrachloroethane	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
1,1,2,2-Tetrachloroethane	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25

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Tetrachloroethene	0.040	0.17 mg/kg	0 - 0	25	0 - 0	25
Toluene	0.050	0.17 mg/kg	45 - 154	25	77 - 146	25
1,2,3-Trichlorobenzene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
1,2,4-Trichlorobenzene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
1,1,1-Trichloroethane	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
1,1,2-Trichloroethane	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
Trichloroethene	0.050	0.17 mg/kg	45 - 143	25	74 - 141	25
Trichlorofluoromethane	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
Trichlorotrifluoroethane	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
1,2,3-Trichloropropane	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
1,2,4-Trimethylbenzene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
1,3,5-Trimethylbenzene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
Vinyl chloride	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
m,p-Xylene	0.050	0.35 mg/kg	0 - 0	25	0 - 0	25
o-Xylene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
Xylenes (total)	0.050	0.35 mg/kg	0 - 0	25	0 - 0	25
surr: Bromofluorobenzene			44 - 143			
surr: Dibromofluoromethane			37 - 153			
surr: Toluene-d8			49 - 164			
BTEX 8260 in Soil (EPA 8260B)						
Benzene	0.050	0.17 mg/kg	25	50 - 140	25	72 - 139
Toluene	0.050	0.17 mg/kg	25	45 - 154	25	77 - 146
Ethylbenzene	0.050	0.17 mg/kg	25	0 - 0	25	0 - 0
Xylenes (total)	0.050	0.35 mg/kg	25	0 - 0	25	0 - 0
surr: Bromofluorobenzene			44 - 143			
surr: Dibromofluoromethane			37 - 153			
surr: Toluene-d8			49 - 164			
MTBE 8260 in Soil (EPA 8260B)						
Methyl tert-butyl ether	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25

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 North Bay: 110 Liberty Street | Petaluma, CA 94952 | T: 707-769-3128 | F: 707-769-8093 | ELAP# 2303
 San Diego Service Center: 2722 Loker Avenue West Suite A | Carlsbad, CA 92010 | T: 760-930-2555 | F: 760-930-2510



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Analytical Services Quotation

Contact: Walter Norosky
Client: Santa Rosa, City of - Utilities Dept.
Address: 4300 Llano Rd.
 Santa Rosa CA, 95407
Phone: (707) 543-4369
Project: 1 - Master Services List

Quoted: 1/3/2020
Effective: 12/06/19
Expires: 12/31/20

surr: Bromofluorobenzene 44 - 143
 surr: Dibromofluoromethane 37 - 153
 surr: Toluene-d8 49 - 164

8260B Full List in Other (W) (EPA 8260B)

Acetone	0.50	0.70 mg/kg	0 - 0	25	0 - 0	25
Benzene	0.050	0.17 mg/kg	50 - 140	25	72 - 139	25
Bromobenzene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
Bromochloromethane	0.030	0.17 mg/kg	0 - 0	25	0 - 0	25
Bromodichloromethane	0.020	0.17 mg/kg	0 - 0	25	0 - 0	25
Bromoform	0.020	0.17 mg/kg	0 - 0	25	0 - 0	25
Bromomethane	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
n-Butylbenzene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
sec-Butylbenzene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
tert-Butylbenzene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
Carbon tetrachloride	0.080	0.17 mg/kg	0 - 0	25	0 - 0	25
Chlorobenzene	0.050	0.17 mg/kg	44 - 145	25	72 - 142	25
Chloroethane	0.070	0.17 mg/kg	0 - 0	25	0 - 0	25
Chloroform	0.030	0.17 mg/kg	0 - 0	25	0 - 0	25
Chloromethane	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
2-Chlorotoluene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
4-Chlorotoluene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
Dibromochloromethane	0.030	0.17 mg/kg	0 - 0	25	0 - 0	25
1,2-Dibromo-3-chloropropane	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
1,2-Dibromoethane (EDB)	0.060	0.17 mg/kg	0 - 0	25	0 - 0	25
Dibromomethane	0.030	0.17 mg/kg	0 - 0	25	0 - 0	25
1,2-Dichlorobenzene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
1,3-Dichlorobenzene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
1,4-Dichlorobenzene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
Dichlorodifluoromethane	0.030	0.17 mg/kg	0 - 0	25	0 - 0	25

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1,1-Dichloroethane	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
1,2-Dichloroethane	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
1,1-Dichloroethene	0.050	0.17 mg/kg	42 - 143	25	53 - 149	25
cis-1,2-Dichloroethene	0.030	0.17 mg/kg	0 - 0	25	0 - 0	25
trans-1,2-Dichloroethene	0.030	0.17 mg/kg	0 - 0	25	0 - 0	25
1,2-Dichloropropane	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
1,3-Dichloropropane	0.10	0.17 mg/kg	0 - 0	25	0 - 0	25
2,2-Dichloropropane	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
1,1-Dichloropropene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
cis-1,3-Dichloropropene	0.030	0.17 mg/kg	0 - 0	25	0 - 0	25
trans-1,3-Dichloropropene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
Ethylbenzene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
Hexachlorobutadiene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
Isopropylbenzene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
p-Isopropyltoluene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
Methyl ethyl ketone	0.090	0.35 mg/kg	0 - 0	25	0 - 0	25
Methyl isobutyl ketone	0.060	0.35 mg/kg	0 - 0	25	0 - 0	25
Methyl tert-butyl ether	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
Methylene chloride	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
Naphthalene	0.10	0.17 mg/kg	0 - 0	25	0 - 0	25
n-Propylbenzene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
Styrene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
1,1,1,2-Tetrachloroethane	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
1,1,2,2-Tetrachloroethane	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
Tetrachloroethene	0.040	0.17 mg/kg	0 - 0	25	0 - 0	25
Toluene	0.050	0.17 mg/kg	45 - 154	25	77 - 146	25
1,2,3-Trichlorobenzene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
1,2,4-Trichlorobenzene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
1,1,1-Trichloroethane	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
1,1,2-Trichloroethane	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25

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Analytical Services Quotation

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Phone: (707) 543-4369
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Trichloroethene	0.050	0.17 mg/kg	45 - 143	25	74 - 141	25
Trichlorofluoromethane	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
Trichlorotrifluoroethane	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
1,2,3-Trichloropropane	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
1,2,4-Trimethylbenzene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
1,3,5-Trimethylbenzene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
Vinyl chloride	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
m,p-Xylene	0.050	0.35 mg/kg	0 - 0	25	0 - 0	25
o-Xylene	0.050	0.17 mg/kg	0 - 0	25	0 - 0	25
Xylenes (total)	0.050	0.35 mg/kg	0 - 0	25	0 - 0	25
surr: Bromofluorobenzene			44 - 143			
surr: Dibromofluoromethane			37 - 153			
surr: Toluene-d8			49 - 164			
BTEX 8260 in Other (W) (EPA 8260B)						
Benzene	0.050	0.17 mg/kg	25	50 - 140	25	72 - 139
Toluene	0.050	0.17 mg/kg	25	45 - 154	25	77 - 146
Ethylbenzene	0.050	0.17 mg/kg	25	0 - 0	25	0 - 0
Xylenes (total)	0.050	0.35 mg/kg	25	0 - 0	25	0 - 0
surr: Bromofluorobenzene			44 - 143			
surr: Dibromofluoromethane			37 - 153			
surr: Toluene-d8			49 - 164			
8260B Full List in Other (V) (EPA 8260B)						
Acetone	3.0	5.0 ug/L	32 - 164	25	48 - 124	25
Acetone	3.0	5.0 ug/L	32 - 164	25	48 - 124	25
Benzene	0.30	0.30 ug/L	58 - 139	25	82 - 122	25
Benzene	0.30	0.30 ug/L	58 - 139	25	82 - 122	25
Bromobenzene	0.40	0.50 ug/L	63 - 143	25	83 - 122	25
Bromobenzene	0.40	0.50 ug/L	63 - 143	25	83 - 122	25
Bromochloromethane	0.40	0.50 ug/L	60 - 141	25	83 - 124	25

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Bromochloromethane	0.40	0.50 ug/L	60 - 141	25	83 - 124	25
Bromodichloromethane	0.40	0.50 ug/L	62 - 140	25	86 - 135	25
Bromodichloromethane	0.40	0.50 ug/L	62 - 140	25	86 - 135	25
Bromoform	0.30	0.50 ug/L	47 - 165	25	76 - 144	25
Bromoform	0.30	0.50 ug/L	47 - 165	25	76 - 144	25
Bromomethane	0.40	0.50 ug/L	30 - 163	25	69 - 145	25
Bromomethane	0.40	0.50 ug/L	30 - 163	25	69 - 145	25
n-Butylbenzene	0.40	0.50 ug/L	57 - 147	25	79 - 132	25
n-Butylbenzene	0.40	0.50 ug/L	57 - 147	25	79 - 132	25
sec-Butylbenzene	0.40	0.50 ug/L	64 - 155	25	86 - 132	25
sec-Butylbenzene	0.40	0.50 ug/L	64 - 155	25	86 - 132	25
tert-Butylbenzene	0.30	0.50 ug/L	57 - 150	25	82 - 126	25
tert-Butylbenzene	0.30	0.50 ug/L	57 - 150	25	82 - 126	25
Carbon tetrachloride	0.40	0.50 ug/L	65 - 153	25	77 - 134	25
Carbon tetrachloride	0.40	0.50 ug/L	65 - 153	25	77 - 134	25
Chlorobenzene	0.30	0.50 ug/L	58 - 137	25	84 - 119	25
Chlorobenzene	0.30	0.50 ug/L	58 - 137	25	84 - 119	25
Chloroethane	0.40	0.50 ug/L	59 - 141	25	68 - 133	25
Chloroethane	0.40	0.50 ug/L	59 - 141	25	68 - 133	25
Chloroform	0.40	0.50 ug/L	36 - 151	25	81 - 122	25
Chloroform	0.40	0.50 ug/L	36 - 151	25	81 - 122	25
Chloromethane	0.40	0.50 ug/L	69 - 149	25	63 - 129	25
Chloromethane	0.40	0.50 ug/L	69 - 149	25	63 - 129	25
2-Chlorotoluene	0.40	0.50 ug/L	54 - 150	25	79 - 132	25
2-Chlorotoluene	0.40	0.50 ug/L	54 - 150	25	79 - 132	25
4-Chlorotoluene	0.30	0.50 ug/L	59 - 140	25	80 - 122	25
4-Chlorotoluene	0.30	0.50 ug/L	59 - 140	25	80 - 122	25
Dibromochloromethane	0.40	0.50 ug/L	54 - 157	25	83 - 135	25
Dibromochloromethane	0.40	0.50 ug/L	54 - 157	25	83 - 135	25
1,2-Dibromo-3-chloropropane	0.60	2.0 ug/L	54 - 137	25	73 - 128	25

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1,2-Dibromo-3-chloropropane	0.60	2.0 ug/L	54 - 137	25	73 - 128	25
1,2-Dibromoethane (EDB)	0.40	0.50 ug/L	40 - 147	25	80 - 120	25
1,2-Dibromoethane (EDB)	0.40	0.50 ug/L	40 - 147	25	80 - 120	25
Dibromomethane	0.40	0.50 ug/L	59 - 139	25	82 - 124	25
Dibromomethane	0.40	0.50 ug/L	59 - 139	25	82 - 124	25
1,2-Dichlorobenzene	0.40	0.50 ug/L	57 - 137	25	84 - 121	25
1,2-Dichlorobenzene	0.40	0.50 ug/L	57 - 137	25	84 - 121	25
1,3-Dichlorobenzene	0.40	0.50 ug/L	54 - 137	25	80 - 120	25
1,3-Dichlorobenzene	0.40	0.50 ug/L	54 - 137	25	80 - 120	25
1,4-Dichlorobenzene	0.10	0.50 ug/L	61 - 131	25	84 - 120	25
1,4-Dichlorobenzene	0.10	0.50 ug/L	61 - 131	25	84 - 120	25
Dichlorodifluoromethane	0.40	0.50 ug/L	39 - 162	25	52 - 142	25
Dichlorodifluoromethane	0.40	0.50 ug/L	39 - 162	25	52 - 142	25
1,1-Dichloroethane	0.30	0.50 ug/L	64 - 136	25	81 - 126	25
1,1-Dichloroethane	0.30	0.50 ug/L	64 - 136	25	81 - 126	25
1,2-Dichloroethane	0.40	0.50 ug/L	58 - 133	25	77 - 117	25
1,2-Dichloroethane	0.40	0.50 ug/L	58 - 133	25	77 - 117	25
1,1-Dichloroethene	0.30	0.50 ug/L	45 - 178	25	71 - 151	25
1,1-Dichloroethene	0.30	0.50 ug/L	45 - 178	25	71 - 151	25
cis-1,2-Dichloroethene	0.40	0.50 ug/L	66 - 141	25	84 - 131	25
cis-1,2-Dichloroethene	0.40	0.50 ug/L	66 - 141	25	84 - 131	25
trans-1,2-Dichloroethene	0.40	0.50 ug/L	59 - 151	25	79 - 128	25
trans-1,2-Dichloroethene	0.40	0.50 ug/L	59 - 151	25	79 - 128	25
1,2-Dichloropropane	0.40	0.50 ug/L	62 - 128	25	82 - 125	25
1,2-Dichloropropane	0.40	0.50 ug/L	62 - 128	25	82 - 125	25
1,3-Dichloropropane	0.40	0.50 ug/L	62 - 139	25	83 - 120	25
1,3-Dichloropropane	0.40	0.50 ug/L	62 - 139	25	83 - 120	25
2,2-Dichloropropane	0.50	0.50 ug/L	40 - 167	25	80 - 125	25
2,2-Dichloropropane	0.50	0.50 ug/L	40 - 167	25	80 - 125	25
1,1-Dichloropropene	0.40	0.50 ug/L	58 - 148	25	85 - 130	25

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1,1-Dichloropropene	0.40	0.50 ug/L	58 - 148	25	85 - 130	25
cis-1,3-Dichloropropene	0.40	0.50 ug/L	50 - 140	25	83 - 128	25
cis-1,3-Dichloropropene	0.40	0.50 ug/L	50 - 140	25	83 - 128	25
trans-1,3-Dichloropropene	0.40	0.50 ug/L	40 - 144	25	67 - 129	25
trans-1,3-Dichloropropene	0.40	0.50 ug/L	40 - 144	25	67 - 129	25
Ethylbenzene	0.40	0.50 ug/L	59 - 147	25	84 - 124	25
Ethylbenzene	0.40	0.50 ug/L	59 - 147	25	84 - 124	25
Hexachlorobutadiene	0.50	0.50 ug/L	56 - 149	25	75 - 135	25
Hexachlorobutadiene	0.50	0.50 ug/L	56 - 149	25	75 - 135	25
Isopropylbenzene	0.40	0.50 ug/L	56 - 134	25	75 - 116	25
Isopropylbenzene	0.40	0.50 ug/L	56 - 134	25	75 - 116	25
p-Isopropyltoluene	0.40	0.50 ug/L	54 - 148	25	78 - 124	25
p-Isopropyltoluene	0.40	0.50 ug/L	54 - 148	25	78 - 124	25
Methyl ethyl ketone	0.70	1.0 ug/L	62 - 126	25	58 - 157	25
Methyl ethyl ketone	0.70	1.0 ug/L	62 - 126	25	58 - 157	25
Methyl isobutyl ketone	0.60	1.0 ug/L	66 - 127	25	70 - 130	25
Methyl isobutyl ketone	0.60	1.0 ug/L	66 - 127	25	70 - 130	25
Methyl tert-butyl ether	0.50	0.50 ug/L	55 - 144	25	84 - 119	25
Methyl tert-butyl ether	0.50	0.50 ug/L	55 - 144	25	84 - 119	25
Methylene chloride	0.50	0.50 ug/L	43 - 143	25	72 - 132	25
Methylene chloride	0.50	0.50 ug/L	43 - 143	25	72 - 132	25
Naphthalene	0.50	0.50 ug/L	52 - 157	25	84 - 134	25
Naphthalene	0.50	0.50 ug/L	52 - 157	25	84 - 134	25
n-Propylbenzene	0.40	0.50 ug/L	55 - 145	25	75 - 127	25
n-Propylbenzene	0.40	0.50 ug/L	55 - 145	25	75 - 127	25
Styrene	0.40	0.50 ug/L	51 - 157	25	80 - 125	25
Styrene	0.40	0.50 ug/L	51 - 157	25	80 - 125	25
1,1,1,2-Tetrachloroethane	0.40	0.50 ug/L	58 - 146	25	80 - 132	25
1,1,1,2-Tetrachloroethane	0.40	0.50 ug/L	58 - 146	25	80 - 132	25
1,1,2,2-Tetrachloroethane	0.30	0.50 ug/L	73 - 127	25	84 - 115	25

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1,1,2,2-Tetrachloroethane	0.30	0.50 ug/L	73 - 127	25	84 - 115	25
Tetrachloroethene	0.40	0.50 ug/L	49 - 148	25	56 - 156	25
Tetrachloroethene	0.40	0.50 ug/L	49 - 148	25	56 - 156	25
Toluene	0.30	0.30 ug/L	59 - 147	25	76 - 137	25
Toluene	0.30	0.30 ug/L	59 - 147	25	76 - 137	25
1,2,3-Trichlorobenzene	0.50	0.50 ug/L	50 - 161	25	85 - 133	25
1,2,3-Trichlorobenzene	0.50	0.50 ug/L	50 - 161	25	85 - 133	25
1,2,4-Trichlorobenzene	0.20	0.50 ug/L	50 - 150	25	84 - 126	25
1,2,4-Trichlorobenzene	0.20	0.50 ug/L	50 - 150	25	84 - 126	25
1,1,1-Trichloroethane	0.40	0.50 ug/L	62 - 144	25	70 - 130	25
1,1,1-Trichloroethane	0.40	0.50 ug/L	62 - 144	25	70 - 130	25
1,1,2-Trichloroethane	0.40	0.50 ug/L	62 - 129	25	83 - 122	25
1,1,2-Trichloroethane	0.40	0.50 ug/L	62 - 129	25	83 - 122	25
Trichloroethene	0.40	0.50 ug/L	58 - 140	25	84 - 123	25
Trichloroethene	0.40	0.50 ug/L	58 - 140	25	84 - 123	25
Trichlorofluoromethane	0.20	0.50 ug/L	56 - 144	25	74 - 130	25
Trichlorofluoromethane	0.20	0.50 ug/L	56 - 144	25	74 - 130	25
Trichlorotrifluoroethane	0.20	0.50 ug/L	59 - 139	25	82 - 125	25
Trichlorotrifluoroethane	0.20	0.50 ug/L	59 - 139	25	82 - 125	25
1,2,3-Trichloropropane	0.40	0.50 ug/L	61 - 139	25	78 - 122	25
1,2,3-Trichloropropane	0.40	0.50 ug/L	61 - 139	25	78 - 122	25
1,2,4-Trimethylbenzene	0.40	0.50 ug/L	58 - 152	25	85 - 127	25
1,2,4-Trimethylbenzene	0.40	0.50 ug/L	58 - 152	25	85 - 127	25
1,3,5-Trimethylbenzene	0.30	0.50 ug/L	58 - 148	25	80 - 125	25
1,3,5-Trimethylbenzene	0.30	0.50 ug/L	58 - 148	25	80 - 125	25
Vinyl chloride	0.40	0.50 ug/L	53 - 160	25	70 - 130	25
Vinyl chloride	0.40	0.50 ug/L	53 - 160	25	70 - 130	25
m,p-Xylene	0.50	0.50 ug/L	53 - 147	25	81 - 124	25
m,p-Xylene	0.50	0.50 ug/L	53 - 147	25	81 - 124	25
o-Xylene	0.40	0.50 ug/L	55 - 148	25	80 - 126	25

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Analytical Services Quotation

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o-Xylene	0.40	0.50 ug/L	55 - 148	25	80 - 126	25
Xylenes (total)	0.50	0.50 ug/L	49 - 153	25	81 - 126	25
Xylenes (total)	0.50	0.50 ug/L	49 - 153	25	81 - 126	25
surr: Dibromofluoromethane			71 - 136			
surr: Dibromofluoromethane			71 - 136			
surr: Toluene-d8			80 - 130			
surr: Toluene-d8			80 - 130			
surr: Bromofluorobenzene			70 - 130			
surr: Bromofluorobenzene			70 - 130			
BTEX 8260 in Other (V) (EPA 8260B)						

Chlorinated Pesticides and PCBs by EPA Method 508

508 DHS Regulatory in Water (EPA 508)

Endrin	0.010	0.10 ug/L	70 - 130	25	70 - 130	25
HCH-gamma (Lindane)	0.020	0.20 ug/L	70 - 130	25	70 - 130	25
Heptachlor	0.010	0.010 ug/L	70 - 130	25	70 - 130	25
Heptachlor epoxide	0.010	0.010 ug/L	70 - 130	25	70 - 130	25
Hexachlorobenzene	0.010	0.50 ug/L	70 - 130	25	70 - 130	25
Hexachlorocyclopentadiene	0.040	1.0 ug/L	15 - 90	50	15 - 90	50
Methoxychlor	0.020	10 ug/L	70 - 130	25	70 - 130	25
PCB-1016	0.30	0.50 ug/L				
PCB-1221	0.30	0.50 ug/L				
PCB-1232	0.30	0.50 ug/L				
PCB-1242	0.30	0.50 ug/L				
PCB-1248	0.30	0.50 ug/L				
PCB-1254	0.30	0.50 ug/L				
PCB-1260	0.20	0.50 ug/L				
Total PCBs	0.30	0.50 ug/L				
Toxaphene	0.40	1.0 ug/L				

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Chlordane (tech)	0.030	0.10 ug/L					
surr: Dibutylchlorendate			70 - 130				
Nitrogen- and Phosphorus- Pesticides by EPA Method 507							
507 DHS Regulatory in Water (EPA 507)							
Alachlor	0.50	1.0 ug/L	65 - 135	30	70 - 130	30	
Atrazine	0.30	0.50 ug/L	65 - 135	30	70 - 130	30	
Molinate	0.20	2.0 ug/L	65 - 135	30	70 - 130	30	
Simazine	0.30	1.0 ug/L	65 - 135	30	70 - 130	30	
Thiobencarb	0.50	1.0 ug/L	65 - 135	30	70 - 130	30	
surr: 1,3-Dimethyl-2-nitrobenzene			70 - 130				
Organic Analytes by EPA Method 504.1							
504.1 EDB/DBCP in Water (EPA 504.1)							
1,2-Dibromo-3-chloropropane	0.0010	0.010 ug/L	65 - 135	25	70 - 130	25	
1,2-Dibromoethane (EDB)	0.0020	0.020 ug/L	65 - 135	25	70 - 130	25	
Chlorinated Acids by EPA Method 515.3							
515.3 Herbicides in Water (EPA 515.3)							
Bentazon	0.20	2.0 ug/L	70 - 130	50	80 - 120	50	
2,4-D	1.0	10 ug/L	70 - 130	50	80 - 120	50	
Dalapon	2.0	10 ug/L	70 - 130	50	80 - 120	50	
Dinoseb	0.20	2.0 ug/L	70 - 130	50	80 - 120	50	
Pentachlorophenol	0.090	0.20 ug/L	70 - 130	50	80 - 120	50	
Picloram	0.10	1.0 ug/L	70 - 130	50	80 - 120	50	
2,4,5-TP (Silvex)	0.20	1.0 ug/L	70 - 130	50	80 - 120	50	
surr: DCAA			70 - 130				

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Carbamates by EPA Method 531.1							
531.1 DHS Regulatory in Water (EPA 531.1)							
Carbofuran	0.40	5.0 ug/L	65 - 135	20	80 - 120	20	
Oxamyl	0.90	20 ug/L	65 - 135	20	80 - 120	20	
Endothall by EPA Method 548.1							
548.1 Endothall in Water (EPA 548.1)							
Endothall	20	45 ug/L	80 - 120	30	80 - 120	30	
Glyphosate by EPA Method 547							
547 Glyphosate in Water (EPA 547)							
Glyphosate	6.0	25 ug/L	70 - 130	30	70 - 130	30	
Diquat by EPA Method 549.2							
549.2 Diquat in Water (EPA 549.2)							
Diquat	0.60	4.0 ug/L	70 - 130	25	70 - 130	25	
Haloacetic Acids by EPA Method 552.2							
Haloacetic Acids in Water (EPA 552.2)							
Monobromoacetic Acid	0.5000	1.000 ug/L	70 - 130	20	70 - 130	20	
Monochloroacetic Acid	0.5000	2.000 ug/L	70 - 130	20	70 - 130	20	
Dibromoacetic Acid	0.7000	1.000 ug/L	70 - 130	20	70 - 130	20	
Dichloroacetic Acid	0.7000	1.000 ug/L	70 - 130	20	70 - 130	20	
Trichloroacetic Acid	0.8000	1.000 ug/L	70 - 130	20	70 - 130	20	
Total Haloacetic Acids (HAA5)	0.8000	1.000 ug/L					
surr: 2,3-Dibromopropionic Acid			70 - 130				

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surr: 2-Bromopropionic Acid

70 - 130

Organochlorine Pesticides and PCBs by EPA Method 608.3

CTR 608.3 Pest/PCB in Water (EPA 608.3)

Aldrin	0.0020	0.0050 ug/L	42 - 140	35	42 - 140	35
alpha-BHC	0.0040	0.010 ug/L	37 - 140	36	37 - 140	36
beta-BHC	0.0040	0.0050 ug/L	17 - 147	44	17 - 147	44
gamma-BHC (Lindane)	0.0040	0.010 ug/L	32 - 140	39	32 - 140	39
delta-BHC	0.0020	0.0050 ug/L	19 - 140	52	19 - 140	52
Chlordane (tech)	0.010	0.050 ug/L				
4,4'-DDT	0.0030	0.010 ug/L	25 - 160	42	31 - 141	42
4,4'-DDE	0.0040	0.020 ug/L	30 - 145	35	30 - 145	35
4,4'-DDD	0.0050	0.020 ug/L	31 - 141	39	25 - 160	39
Dieldrin	0.0050	0.010 ug/L	36 - 146	49	36 - 146	49
Endosulfan I	0.0040	0.010 ug/L	45 - 153	28	45 - 153	28
Endosulfan II	0.0050	0.010 ug/L	2 - 202	53	0 - 202	53
Endosulfan sulfate	0.0030	0.050 ug/L	26 - 144	38	26 - 144	38
Endrin	0.0080	0.010 ug/L	30 - 147	48	30 - 147	48
Endrin aldehyde	0.0040	0.010 ug/L	45 - 140	35	45 - 140	35
Heptachlor	0.0050	0.010 ug/L	34 - 140	43	34 - 140	43
Heptachlor epoxide	0.0090	0.010 ug/L	37 - 142	36	37 - 142	36
PCB-1016	0.080	0.50 ug/L	50 - 140	36	50 - 140	36
PCB-1221	0.20	0.50 ug/L		48		48
PCB-1232	0.10	0.50 ug/L		25		25
PCB-1242	0.040	0.50 ug/L		29		29
PCB-1248	0.060	0.50 ug/L		35		35
PCB-1254	0.040	0.50 ug/L		45		45
PCB-1260	0.040	0.50 ug/L	8 - 140	38	8 - 140	38
Toxaphene	0.20	0.50 ug/L	41 - 140	41	41 - 140	41

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surr: Dibutylchlorendate		10 - 147					
Organophosphorus Compounds by EPA Method 614							
CTR chlorpyrifos by EPA 614 in Water (EPA 614)							
Chlorpyrifos	0.70	1.0 ug/L	50 - 134	30	50 - 134	30	
surr: Tributyl phosphate	37 - 115						
surr: Triphenyl phosphate	44 - 145						
CTR diazinon by EPA 614 in Water (EPA 614)							
Diazinon	0.30	0.50 ug/L	50 - 121	30	50 - 121	30	
surr: Tributyl phosphate	37 - 115						
surr: Triphenyl phosphate	44 - 145						
Organochlorine Pesticides and PCBs by EPA Method 8081/8082							
8080 Pest/PCB Water in Water (EPA 8081A/8082)							
Aldrin	0.0090	0.010 ug/L	46 - 119	27	43 - 120	20	
alpha-BHC	0.0080	0.010 ug/L	62 - 126	20	71 - 122	20	
beta-BHC	0.020	0.050 ug/L	54 - 140	20	65 - 123	20	
delta-BHC	0.020	0.050 ug/L	52 - 143	20	78 - 129	20	
gamma-BHC (Lindane)	0.0080	0.010 ug/L	61 - 130	20	59 - 122	20	
Chlordane (tech)	0.20	0.50 ug/L					
4,4'-DDE	0.020	0.020 ug/L	58 - 132	20	78 - 132	20	
4,4'-DDD	0.020	0.020 ug/L	62 - 135	20	79 - 132	20	
4,4'-DDT	0.020	0.020 ug/L	54 - 143	20	79 - 143	20	
Dieldrin	0.0070	0.010 ug/L	60 - 132	20	80 - 124	20	
Endosulfan I	0.0090	0.010 ug/L	56 - 137	20	71 - 126	20	
Endosulfan II	0.020	0.020 ug/L	56 - 137	20	80 - 125	20	
Endosulfan sulfate	0.020	0.050 ug/L	62 - 138	20	80 - 126	20	
Endrin	0.0090	0.010 ug/L	61 - 156	20	59 - 176	20	

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Endrin aldehyde	0.020	0.050 ug/L	47 - 150	20	46 - 129	30
Heptachlor	0.010	0.020 ug/L	57 - 125	20	67 - 120	20
Heptachlor epoxide	0.020	0.020 ug/L	59 - 131	20	71 - 127	20
Methoxychlor	0.020	0.020 ug/L	41 - 145	20	72 - 163	20
Toxaphene	0.10	0.50 ug/L				
PCB-1016	0.080	0.50 ug/L				
PCB-1221	0.20	0.50 ug/L				
PCB-1232	0.10	0.50 ug/L				
PCB-1242	0.040	0.50 ug/L				
PCB-1248	0.060	0.50 ug/L				
PCB-1254	0.040	0.50 ug/L				
PCB-1260	0.040	0.50 ug/L				
surr: Dibutylchlorendate			63 - 124			
8080 Pest/PCB Water in Other (V) (EPA 8081A/8082)						
Aldrin	0.0090	0.010 ug/L	46 - 119	27	46 - 119	27
alpha-BHC	0.0080	0.010 ug/L	62 - 126	20	62 - 126	20
beta-BHC	0.020	0.050 ug/L	54 - 140	20	54 - 140	20
delta-BHC	0.020	0.050 ug/L	52 - 143	20	52 - 143	20
gamma-BHC (Lindane)	0.0080	0.010 ug/L	61 - 130	20	61 - 130	20
Chlordane (tech)	0.20	0.50 ug/L				
4,4'-DDE	0.020	0.020 ug/L	58 - 132	20	58 - 132	20
4,4'-DDD	0.020	0.020 ug/L	62 - 135	20	62 - 135	20
4,4'-DDT	0.020	0.020 ug/L	54 - 143	20	54 - 143	20
Dieldrin	0.0070	0.010 ug/L	60 - 132	20	60 - 132	20
Endosulfan I	0.0090	0.010 ug/L	56 - 137	20	56 - 137	20
Endosulfan II	0.020	0.020 ug/L	56 - 137	20	56 - 137	20
Endosulfan sulfate	0.020	0.050 ug/L	62 - 138	20	62 - 138	20
Endrin	0.0090	0.010 ug/L	61 - 156	20	61 - 156	20
Endrin aldehyde	0.020	0.050 ug/L	47 - 150	20	44 - 149	20

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Heptachlor	0.010	0.020 ug/L	57 - 125	20	57 - 125	20
Heptachlor epoxide	0.020	0.020 ug/L	59 - 131	20	59 - 131	20
Methoxychlor	0.020	0.020 ug/L	41 - 145	20	41 - 145	20
Toxaphene	0.10	0.50 ug/L				
PCB-1016	0.080	0.50 ug/L				
PCB-1221	0.20	0.50 ug/L				
PCB-1232	0.10	0.50 ug/L				
PCB-1242	0.040	0.50 ug/L				
PCB-1248	0.060	0.50 ug/L				
PCB-1254	0.040	0.50 ug/L				
PCB-1260	0.040	0.50 ug/L				
surr: Dibutylchlorendate			36 - 145			

Organophosphorus Compounds by EPA Method 8141A

8141A OPP in Water (EPA 8141A)						
Azinphos ethyl	1.0	2.0 ug/L	44 - 154	30	44 - 154	30
Azinphos methyl	0.40	2.0 ug/L	42 - 147	30	42 - 147	30
Bolstar	0.30	1.0 ug/L	35 - 144	30	35 - 144	30
Chlorpyrifos	0.70	1.0 ug/L	50 - 134	30	50 - 134	30
Coumaphos	0.80	2.0 ug/L	47 - 152	30	47 - 152	30
Demeton-o	0.20	1.0 ug/L	18 - 128	30	18 - 128	30
Demeton-s	0.30	1.0 ug/L	43 - 125	30	43 - 125	30
Diazinon	0.30	0.50 ug/L	50 - 121	30	50 - 121	30
Dichlorvos	0.40	1.0 ug/L	77 - 143	30	77 - 143	30
Dimethoate	1.0	2.0 ug/L	37 - 133	30	37 - 133	30
Disulfoton	0.30	0.50 ug/L	50 - 119	30	50 - 119	30
EPN	0.50	1.0 ug/L	55 - 140	30	55 - 140	30
Ethion	0.80	1.0 ug/L	38 - 137	30	38 - 137	30
Ethoprop (Ethoprophos)	0.40	1.0 ug/L	67 - 130	30	67 - 130	30

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Famphur	1.0	2.0 ug/L	40 - 147	30	40 - 147	30
Fensulfothion	0.80	2.0 ug/L	35 - 157	30	35 - 157	30
Fenthion	0.50	0.50 ug/L	56 - 125	30	56 - 125	30
Malathion	0.80	1.0 ug/L	39 - 127	30	39 - 127	30
Mevinphos	0.80	1.0 ug/L	58 - 125	30	58 - 125	30
Parathion	0.90	2.0 ug/L	33 - 137	30	33 - 137	30
Parathion-methyl	0.40	0.50 ug/L	52 - 134	30	52 - 134	30
Phorate	0.40	0.50 ug/L	58 - 119	30	58 - 119	30
Simazine	0.50	0.50 ug/L	37 - 136	30	37 - 136	30
Ronnel	0.30	0.50 ug/L	41 - 135	30	41 - 135	30
Stirofos	0.30	0.50 ug/L	34 - 151	30	34 - 151	30
Thionazin	1.0	2.0 ug/L	60 - 118	30	60 - 118	30
Tokuthion (Prothiofos)	0.40	1.0 ug/L	41 - 136	30	41 - 136	30
Trichloronate	0.40	1.0 ug/L	36 - 146	30	36 - 146	30
surr: Tributyl phosphate			37 - 115			
surr: Triphenyl phosphate			44 - 145			
8141A OPP in Soil (EPA 8141A)						
Azinphos ethyl	0.0040	0.10 mg/kg	27 - 159	30	49 - 154	30
Azinphos methyl	0.0040	0.10 mg/kg	41 - 171	30	46 - 146	30
Bolstar	0.0020	0.050 mg/kg	55 - 129	30	37 - 145	30
Chlorpyrifos	0.0030	0.025 mg/kg	60 - 135	30	53 - 132	30
Coumaphos	0.0030	0.10 mg/kg	37 - 143	30	49 - 156	30
Demeton-o	0.0030	0.050 mg/kg	15 - 162	30	18 - 127	30
Demeton-s	0.0050	0.050 mg/kg	36 - 137	30	34 - 129	30
Diazinon	0.0040	0.025 mg/kg	41 - 135	30	51 - 120	30
Dichlorvos	0.0040	0.050 mg/kg	32 - 144	30	76 - 143	30
Dimethoate	0.0040	0.10 mg/kg	45 - 133	30	41 - 130	30
Disulfoton	0.0050	0.025 mg/kg	43 - 133	30	45 - 120	30
EPN	0.0040	0.050 mg/kg	46 - 129	30	57 - 141	30

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Analytical Services Quotation

Contact: Walter Norosky
Client: Santa Rosa, City of - Utilities Dept.
Address: 4300 Llano Rd.
 Santa Rosa CA, 95407
Phone: (707) 543-4369
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Ethion	0.0040	0.025 mg/kg	58 - 159	30	42 - 135	30
Ethoprop (Ethoprophos)	0.0040	0.050 mg/kg	54 - 126	30	66 - 130	30
Famphur	0.0030	0.10 mg/kg	41 - 144	30	45 - 147	30
Fensulfothion	0.0050	0.10 mg/kg	52 - 158	30	40 - 158	30
Fenthion	0.0030	0.025 mg/kg	55 - 110	30	59 - 124	30
Malathion	0.0020	0.025 mg/kg	42 - 140	30	42 - 124	30
Mevinphos	0.0030	0.050 mg/kg	56 - 123	30	56 - 129	30
Parathion	0.0040	0.025 mg/kg	57 - 121	30	29 - 146	30
Parathion-methyl	0.0030	0.025 mg/kg	52 - 124	30	55 - 132	30
Phorate	0.0030	0.025 mg/kg	15 - 167	30	57 - 118	30
Ronnel	0.0030	0.025 mg/kg	55 - 120	30	43 - 131	30
Simazine	0.0030	0.050 mg/kg	53 - 127	30	40 - 130	30
Stirofos	0.0040	0.025 mg/kg	53 - 119	30	37 - 147	30
Thionazin	0.0020	0.050 mg/kg	48 - 137	30	60 - 118	30
Tokuthion (Prothiofos)	0.0030	0.050 mg/kg	56 - 126	30	44 - 136	30
Trichloronate	0.0030	0.0050 mg/kg	54 - 113	30	40 - 143	30
surr: Tributyl phosphate			39 - 115			
surr: Triphenyl phosphate			42 - 142			
8141A OPP in Other (W) (EPA 8141A)						
Azinphos ethyl	0.0040	0.10 mg/kg	27 - 159	30	49 - 154	30
Azinphos methyl	0.0040	0.10 mg/kg	41 - 171	30	46 - 146	30
Bolstar	0.0020	0.050 mg/kg	55 - 129	30	37 - 145	30
Chlorpyrifos	0.00070	0.025 mg/kg	60 - 135	30	53 - 132	30
Coumaphos	0.0030	0.10 mg/kg	37 - 143	30	49 - 156	30
Demeton-o	0.0030	0.050 mg/kg	15 - 162	30	18 - 127	30
Demeton-s	0.0050	0.050 mg/kg	36 - 137	30	34 - 129	30
Diazinon	0.0040	0.025 mg/kg	41 - 135	30	51 - 120	30
Dichlorvos	0.0040	0.050 mg/kg	32 - 144	30	76 - 143	30
Dimethoate	0.0040	0.10 mg/kg	45 - 133	30	41 - 130	30

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Disulfoton	0.0050	0.025 mg/kg	43 - 133	30	45 - 120	30
EPN	0.0040	0.050 mg/kg	46 - 129	30	57 - 141	30
Ethion	0.0040	0.025 mg/kg	58 - 159	30	42 - 135	30
Ethoprop (Ethoprophos)	0.0040	0.050 mg/kg	54 - 126	30	66 - 130	30
Famphur	0.0030	0.10 mg/kg	41 - 144	30	45 - 147	30
Fensulfothion	0.0050	0.10 mg/kg	52 - 158	30	40 - 158	30
Fenthion	0.0030	0.025 mg/kg	55 - 110	30	59 - 124	30
Malathion	0.0020	0.025 mg/kg	42 - 140	30	42 - 124	30
Mevinphos	0.0030	0.050 mg/kg	56 - 123	30	56 - 129	30
Parathion	0.0040	0.025 mg/kg	57 - 121	30	29 - 146	30
Parathion-methyl	0.0030	0.025 mg/kg	52 - 124	30	55 - 132	30
Phorate	0.0030	0.025 mg/kg	15 - 167	30	57 - 118	30
Ronnel	0.0030	0.025 mg/kg	55 - 120	30	43 - 131	30
Simazine	0.0030	0.050 mg/kg	53 - 127	30	40 - 130	30
Stirofos	0.0040	0.025 mg/kg	53 - 119	30	37 - 147	30
Thionazin	0.0020	0.050 mg/kg	48 - 137	30	60 - 118	30
Tokuthion (Prothiofos)	0.0030	0.050 mg/kg	56 - 126	30	44 - 136	30
Trichloronate	0.0030	0.0050 mg/kg	54 - 113	30	40 - 143	30
surr: Tributyl phosphate			39 - 115			
surr: Triphenyl phosphate			42 - 142			
8141A OPP in Other (V) (EPA 8141A)						
Azinphos ethyl	1.0	2.0 ug/L	27 - 159	30	49 - 154	30
Azinphos methyl	0.40	2.0 ug/L	41 - 171	30	46 - 146	30
Bolstar	0.30	1.0 ug/L	55 - 129	30	37 - 145	30
Chlorpyrifos	0.70	1.0 ug/L	60 - 135	30	53 - 132	30
Coumaphos	0.80	2.0 ug/L	37 - 143	30	49 - 156	30
Demeton-o	0.20	1.0 ug/L	19 - 158	30	18 - 127	30
Demeton-s	0.30	1.0 ug/L	48 - 143	30	34 - 129	30
Diazinon	0.30	0.50 ug/L	52 - 139	30	51 - 120	30

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Dichlorvos	0.40	1.0 ug/L	61 - 150	30	76 - 143	30
Dimethoate	1.0	2.0 ug/L	46 - 140	30	41 - 130	30
Disulfoton	0.30	0.50 ug/L	49 - 136	30	45 - 120	30
EPN	0.50	1.0 ug/L	46 - 129	30	57 - 141	30
Ethion	0.80	1.0 ug/L	51 - 146	30	42 - 135	30
Ethoprop (Ethoprophos)	0.40	1.0 ug/L	54 - 126	30	66 - 130	30
Fensulfothion	0.80	2.0 ug/L	52 - 158	30	40 - 158	30
Famphur	1.0	2.0 ug/L	57 - 143	30	45 - 147	30
Fenthion	0.50	0.50 ug/L	50 - 130	30	59 - 124	30
Malathion	0.80	1.0 ug/L	42 - 140	30	42 - 124	30
Mevinphos	0.80	1.0 ug/L	56 - 130	30	56 - 129	30
Parathion	0.90	2.0 ug/L	57 - 121	30	29 - 146	30
Parathion-methyl	0.40	0.50 ug/L	57 - 124	30	55 - 132	30
Phorate	0.40	0.50 ug/L	26 - 155	30	57 - 118	30
Ronnel	0.30	0.50 ug/L	55 - 140	30	43 - 131	30
Simazine	0.50	0.50 ug/L	40 - 150	30	40 - 130	30
Stirofos	0.30	0.50 ug/L	60 - 150	30	37 - 147	30
Thionazin	1.0	2.0 ug/L	48 - 137	30	60 - 118	30
Tokuthion (Prothiofos)	0.40	1.0 ug/L	56 - 126	30	44 - 136	30
Trichloronate	0.40	1.0 ug/L	50 - 140	30	40 - 143	30
surr: Tributyl phosphate			39 - 115			
surr: Triphenyl phosphate			42 - 142			

Semivolatile Organic Compounds by EPA Method 525.2

Benzo (a) pyrene	0.080	0.10 ug/L	70 - 130	20	70 - 130	20
Di(2-ethylhexyl)adipate	0.40	5.0 ug/L	70 - 130	20	70 - 130	20
Di(2-ethylhexyl)phthalate	0.20	3.0 ug/L	70 - 130	20	70 - 130	20
surr: 1,3-Dimethyl-2-nitrobenzene			70 - 130			
surr: Triphenyl phosphate			70 - 130			

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Semivolatile Organic Compounds by EPA Method 525.3

525.3 DDW SVOC in Water (EPA 525.3)

Benzo (a) pyrene	0.020	0.10 ug/L	70 - 130	20	70 - 130	20
Di(2-ethylhexyl)adipate	0.10	5.0 ug/L	70 - 130	20	70 - 130	20
Di(2-ethylhexyl)phthalate	0.10	3.0 ug/L	70 - 130	20	70 - 130	20
surr: Benzo (a) pyrene-d12			70 - 130		70 - 130	20

Semivolatile Organic Compounds by EPA Method 625.1

CTR Semi-Volatile by EPA 625.1 in Water (EPA 625.1)

2-Chlorophenol	0.70	5.0 ug/L	23 - 134	61	36 - 120	37
2,4-Dichlorophenol	0.70	5.0 ug/L	39 - 135	50	53 - 122	34
2,4-Dimethylphenol	1.0	2.0 ug/L	32 - 120	58	42 - 120	62
4,6-Dinitro-2-methylphenol	3.0	5.0 ug/L	7 - 181	203	53 - 130	50
2,4-Dinitrophenol	5.0	5.0 ug/L	10 - 191	132	10 - 173	55
2-Nitrophenol	0.90	10 ug/L	29 - 182	55	45 - 167	40
4-Nitrophenol	3.0	10 ug/L	7 - 132	131	13 - 129	61
4-Chloro-3-methylphenol	1.0	1.0 ug/L	22 - 147	73	41 - 128	35
Pentachlorophenol	4.0	5.0 ug/L	14 - 176	86	38 - 152	49
Phenol	0.50	1.0 ug/L	5 - 120	64	17 - 120	38
2,4,6-Trichlorophenol	0.70	10 ug/L	37 - 144	58	52 - 129	41
Acenaphthene	0.60	1.0 ug/L	47 - 145	48	60 - 132	27
Acenaphthylene	0.50	10 ug/L	33 - 145	74	54 - 126	25
Anthracene	0.40	10 ug/L	27 - 133	66	43 - 120	25
Benzo (a) anthracene	0.40	5.0 ug/L	33 - 143	53	42 - 133	25
Benzo (a) pyrene	0.50	10 ug/L	17 - 163	72	32 - 148	25
Benzo (b) fluoranthene	0.60	10 ug/L	24 - 159	71	42 - 140	25
Benzo (g,h,i) perylene	0.90	5.0 ug/L	2 - 219	97	2 - 195	40
Benzo (k) fluoranthene	0.50	10 ug/L	11 - 162	63	25 - 146	25

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Bis(2-chloroethoxy)methane	0.90	5.0 ug/L	33 - 184	54	49 - 165	28
Bis(2-chloroethyl)ether	0.90	1.0 ug/L	12 - 158	108	43 - 126	35
Bis(2-chloroisopropyl)ether	1.0	2.0 ug/L	36 - 166	76	63 - 139	36
Bis(2-ethylhexyl)phthalate	3.0	5.0 ug/L	8 - 158	82	29 - 137	25
4-Bromophenyl phenyl ether	1.0	5.0 ug/L	53 - 127	43	65 - 120	25
Butyl benzyl phthalate	0.60	10 ug/L	2 - 152	60	2 - 140	34
2-Chloronaphthalene	0.60	10 ug/L	60 - 120	24	65 - 120	28
Chrysene	0.80	10 ug/L	17 - 168	87	44 - 140	25
4-Chlorophenyl phenyl ether	0.90	5.0 ug/L	25 - 158	61	38 - 145	27
Dibenz (a,h) anthracene	0.80	10 ug/L	2 - 227	126	2 - 200	39
1,4-Dichlorobenzene	0.60	1.0 ug/L	3 - 105	42	32 - 91	41
1,2-Dichlorobenzene	0.60	2.0 ug/L	7 - 104	41	33 - 93	38
1,3-Dichlorobenzene	0.60	1.0 ug/L	1 - 106	41	31 - 92	41
Diethyl phthalate	0.30	2.0 ug/L	2 - 120	100	2 - 120	34
Dimethyl phthalate	0.80	2.0 ug/L	2 - 120	183	2 - 120	42
Di-n-butyl phthalate	0.90	10 ug/L	1 - 120	47	8 - 120	30
2,4-Dinitrotoluene	0.80	5.0 ug/L	39 - 139	42	48 - 127	32
2,6-Dinitrotoluene	0.80	5.0 ug/L	50 - 158	48	68 - 137	27
Di-n-octyl phthalate	0.60	10 ug/L	4 - 146	69	19 - 132	29
1,2-Diphenylhydrazine	0.60	1.0 ug/L	39 - 116	25	52 - 115	25
Fluoranthene	0.80	1.0 ug/L	26 - 137	66	43 - 121	29
Fluorene	0.80	10 ug/L	59 - 121	38	70 - 120	28
Hexachlorobenzene	0.90	1.0 ug/L	2 - 152	55	8 - 142	25
Hexachlorobutadiene	0.80	1.0 ug/L	24 - 120	62	38 - 120	40
Hexachlorocyclopentadiene	4.0	5.0 ug/L	10 - 93	55	16 - 93	55
Hexachloroethane	0.60	1.0 ug/L	40 - 120	52	55 - 120	25
Indeno (1,2,3-cd) pyrene	0.60	10 ug/L	2 - 171	99	2 - 151	39
Isophorone	0.30	1.0 ug/L	21 - 196	93	47 - 180	45
Naphthalene	0.70	1.0 ug/L	21 - 133	65	36 - 120	30
Nitrobenzene	0.90	1.0 ug/L	35 - 180	62	54 - 158	30

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N-Nitrosodimethylamine	0.30	5.0 ug/L	10 - 84	59	19 - 81	59
N-Nitrosodi-n-propylamine	0.80	5.0 ug/L	2 - 230	87	14 - 198	37
N-Nitrosodiphenylamine	1.0	1.0 ug/L	40 - 115	25	54 - 111	25
Phenanthrene	0.90	5.0 ug/L	54 - 120	39	65 - 120	25
Pyrene	0.40	10 ug/L	52 - 120	49	70 - 120	38
1,2,4-Trichlorobenzene	0.60	5.0 ug/L	44 - 142	50	57 - 130	34
surr: 2-Fluorobiphenyl			27 - 119			
surr: 2-Fluorophenol			7 - 85			
surr: Nitrobenzene-d5			15 - 314			
surr: p-Terphenyl-d14			36 - 141			
surr: Phenol-d6			1 - 65			
surr: 2,4,6-Tribromophenol			4 - 168			

Semivolatle Organic Compounds by EPA Method 8270C

8270 Regular List in Wipe (EPA 8270C)

Acenaphthene	0.57	10 ug/Wipe	49 - 106	25	70 - 110	25
Acenaphthylene	0.48	10 ug/Wipe	56 - 103	25	70 - 115	25
Anthracene	0.39	10 ug/Wipe	43 - 130	25	70 - 125	25
Benzo (a) anthracene	0.39	10 ug/Wipe	77 - 117	25	80 - 122	25
Benzo (a) pyrene	0.50	10 ug/Wipe	56 - 117	25	80 - 125	25
Benzo (b) fluoranthene	0.64	10 ug/Wipe	24 - 159	25	24 - 159	25
Benzo (g,h,i) perylene	0.93	10 ug/Wipe	29 - 125	25	60 - 150	25
Benzo (k) fluoranthene	0.34	10 ug/Wipe	11 - 162	25	11 - 162	25
Benzoic acid	12	50 ug/Wipe	0 - 200		0 - 120	
Benzyl alcohol	6.7	20 ug/Wipe	49 - 128	25	55 - 98	25
Bis(2-chloroethoxy)methane	0.81	10 ug/Wipe	53 - 110	25	62 - 106	25
Bis(2-chloroethyl)ether	0.14	10 ug/Wipe	25 - 118	25	40 - 99	25
Bis(2-chloroisopropyl)ether	0.41	10 ug/Wipe	36 - 155	25	36 - 110	25
Bis(2-ethylhexyl)phthalate	0.83	10 ug/Wipe	8 - 158	25	55 - 152	25

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4-Bromophenyl phenyl ether	0.43	10 ug/Wipe	72 - 108	25	74 - 120	25
Butyl benzyl phthalate	0.64	10 ug/Wipe	65 - 135	25	67 - 152	25
4-Chloro-3-methylphenol	0.58	10 ug/Wipe	45 - 125	25	56 - 116	25
4-Chloroaniline	6.2	20 ug/Wipe	42 - 102		62 - 103	
2-Chloronaphthalene	0.57	10 ug/Wipe	60 - 110	25	60 - 118	25
2-Chlorophenol	0.66	10 ug/Wipe	33 - 115	25	53 - 100	25
4-Chlorophenyl phenyl ether	0.93	10 ug/Wipe	63 - 112	25	67 - 115	25
Chrysene	0.76	10 ug/Wipe	60 - 122	25	60 - 122	25
Di-n-butyl phthalate	0.91	10 ug/Wipe	68 - 131	25	73 - 129	25
Di-n-octyl phthalate	0.65	10 ug/Wipe	68 - 135	25	71 - 127	25
Dibenz (a,h) anthracene	0.83	10 ug/Wipe	41 - 139	25	67 - 150	25
Dibenzofuran	0.86	10 ug/Wipe	55 - 119	25	68 - 108	25
1,2-Dichlorobenzene	0.61	10 ug/Wipe	40 - 100	25	40 - 100	25
1,3-Dichlorobenzene	0.62	10 ug/Wipe	40 - 100	25	40 - 100	25
1,4-Dichlorobenzene	0.61	10 ug/Wipe	40 - 92	25	40 - 92	25
2,4-Dichlorophenol	0.66	10 ug/Wipe	57 - 113	25	67 - 110	25
Diethyl phthalate	0.86	10 ug/Wipe	71 - 112	25	74 - 119	25
Dimethyl phthalate	0.68	10 ug/Wipe	70 - 111	25	68 - 121	25
2,4-Dimethylphenol	1.2	10 ug/Wipe	32 - 119	25	32 - 119	25
4,6-Dinitro-2-methylphenol	0.75	50 ug/Wipe	18 - 164	25	59 - 129	25
2,4-Dinitrophenol	1.3	50 ug/Wipe	46 - 149	25	46 - 149	25
2,4-Dinitrotoluene	0.68	10 ug/Wipe	75 - 115	25	75 - 120	25
2,6-Dinitrotoluene	0.54	10 ug/Wipe	72 - 119	25	66 - 120	25
1,2-Diphenylhydrazine	0.33	10 ug/Wipe				
Fluoranthene	0.76	10 ug/Wipe	63 - 122	25	63 - 122	25
Fluorene	0.81	10 ug/Wipe	59 - 113	25	75 - 120	25
Hexachlorobenzene	0.89	10 ug/Wipe	66 - 105	25	75 - 120	25
Hexachlorobutadiene	0.84	10 ug/Wipe	29 - 108	25	46 - 93	25
Hexachlorocyclopentadiene	0.45	15 ug/Wipe	0 - 125	25	8 - 83	25
Hexachloroethane	0.58	10 ug/Wipe	40 - 90	25	40 - 89	25

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 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Analytical Services Quotation

Contact: Walter Norosky
Client: Santa Rosa, City of - Utilities Dept.
Address: 4300 Llano Rd.
 Santa Rosa CA, 95407
Phone: (707) 543-4369
Project: 1 - Master Services List

Quoted: 1/3/2020
Effective: 12/06/19
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Indeno (1,2,3-cd) pyrene	0.63	10 ug/Wipe	47 - 125	25	68 - 150	25
Isophorone	0.81	10 ug/Wipe	39 - 140	25	39 - 140	25
2-Methylnaphthalene	1.0	10 ug/Wipe	52 - 106	25	59 - 100	25
2-Methylphenol (o-cresol)	0.64	10 ug/Wipe	50 - 104	25	50 - 86	25
3 & 4-Methylphenol (m,p-cresol)	0.60	10 ug/Wipe	48 - 102	25	48 - 84	25
N-Nitrosodi-n-propylamine	0.85	10 ug/Wipe	49 - 116	25	58 - 104	25
N-Nitrosodiphenylamine	0.90	10 ug/Wipe	0 - 141	25	60 - 120	25
N-Nitrosodimethylamine	1.1	5.0 ug/Wipe	0 - 184	25	11 - 111	25
Naphthalene	0.66	10 ug/Wipe	47 - 107	25	47 - 107	25
2-Nitroaniline	3.3	50 ug/Wipe	55 - 122	25	66 - 122	25
3-Nitroaniline	4.3	50 ug/Wipe	26 - 163		78 - 153	
Nitrobenzene	0.74	10 ug/Wipe	38 - 124	25	38 - 124	25
4-Nitroaniline	11	50 ug/Wipe	42 - 200	25	50 - 150	25
2-Nitrophenol	0.90	10 ug/Wipe	49 - 112	25	44 - 120	25
4-Nitrophenol	0.99	50 ug/Wipe	21 - 110	25	21 - 71	25
Pentachlorophenol	1.4	50 ug/Wipe	14 - 176	25	53 - 145	25
Phenanthrene	0.65	10 ug/Wipe	63 - 123	25	63 - 123	25
Phenol	0.46	10 ug/Wipe	17 - 87	25	21 - 51	25
Pyrene	0.45	10 ug/Wipe	66 - 130	25	70 - 130	25
1,2,4-Trichlorobenzene	0.59	10 ug/Wipe	44 - 101	25	51 - 96	25
2,4,5-Trichlorophenol	0.58	10 ug/Wipe	65 - 125	25	65 - 125	25
2,4,6-Trichlorophenol	0.74	10 ug/Wipe	69 - 120	25	68 - 116	25
surr: 2-Fluorobiphenyl			42 - 115			
surr: 2-Fluorophenol			21 - 87			
surr: Nitrobenzene-d5			50 - 110			
surr: p-Terphenyl-d14			61 - 134			
surr: Phenol-d6			20 - 52			
surr: 2,4,6-Tribromophenol			54 - 135			

8270 PNAs in Water (EPA 8270C)

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Acenaphthene	0.60	10 ug/L	49 - 106	25	70 - 110	25
Acenaphthylene	0.50	10 ug/L	56 - 103	25	70 - 115	25
Anthracene	0.40	10 ug/L	43 - 130	25	70 - 125	25
Benzo (a) anthracene	0.40	10 ug/L	77 - 117	25	80 - 122	25
Benzo (a) pyrene	0.50	10 ug/L	56 - 117	25	80 - 125	25
Benzo (b) fluoranthene	0.60	10 ug/L	24 - 159	25	24 - 159	25
Benzo (g,h,i) perylene	0.90	10 ug/L	29 - 125	25	60 - 150	25
Benzo (k) fluoranthene	0.50	10 ug/L	11 - 162	25	11 - 162	25
Chrysene	0.80	10 ug/L	60 - 122	25	60 - 122	25
Dibenz (a,h) anthracene	0.80	10 ug/L	41 - 139	25	67 - 150	25
Fluoranthene	0.80	10 ug/L	63 - 122	25	63 - 122	25
Fluorene	0.80	10 ug/L	59 - 113	25	75 - 120	25
Indeno (1,2,3-cd) pyrene	0.60	10 ug/L	47 - 125	25	68 - 150	25
2-Methylnaphthalene	1.0	10 ug/L	52 - 106	25	59 - 100	25
Naphthalene	0.70	10 ug/L	47 - 107	25	47 - 107	25
Phenanthrene	0.90	10 ug/L	63 - 123	25	63 - 123	25
Pyrene	0.40	10 ug/L	66 - 130	25	70 - 130	25
surr: 2-Fluorobiphenyl			42 - 115			
surr: Nitrobenzene-d5			50 - 110			
surr: p-Terphenyl-d14			61 - 134			
8270 Regular List in Water (EPA 8270C)						
Acenaphthene	0.60	10 ug/L	49 - 106	25	70 - 110	25
Acenaphthylene	0.50	10 ug/L	56 - 103	25	70 - 115	25
Anthracene	0.40	10 ug/L	43 - 130	25	70 - 125	25
Benzo (a) anthracene	0.40	10 ug/L	77 - 117	25	80 - 122	25
Benzo (a) pyrene	0.50	10 ug/L	56 - 117	25	80 - 125	25
Benzo (b) fluoranthene	0.60	10 ug/L	24 - 159	25	24 - 159	25
Benzo (g,h,i) perylene	0.90	10 ug/L	29 - 125	25	60 - 150	25
Benzo (k) fluoranthene	0.50	10 ug/L	11 - 162	25	11 - 162	25

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Benzoic acid	30	50 ug/L	0 - 200		0 - 120	
Benzyl alcohol	3.0	20 ug/L	49 - 128	25	55 - 98	25
Bis(2-chloroethoxy)methane	0.90	10 ug/L	53 - 110	25	62 - 106	25
Bis(2-chloroethyl)ether	0.90	10 ug/L	25 - 118	25	40 - 99	25
Bis(2-chloroisopropyl)ether	1.0	10 ug/L	36 - 155	25	36 - 110	25
Bis(2-ethylhexyl)phthalate	3.0	10 ug/L	8 - 158	25	55 - 152	25
4-Bromophenyl phenyl ether	1.0	10 ug/L	72 - 108	25	74 - 120	25
Butyl benzyl phthalate	0.60	10 ug/L	65 - 135	25	67 - 152	25
4-Chloro-3-methylphenol	1.0	10 ug/L	45 - 125	25	56 - 116	25
4-Chloroaniline	1.0	20 ug/L	42 - 102	25	62 - 103	25
2-Chloronaphthalene	0.60	10 ug/L	60 - 110	25	60 - 118	25
2-Chlorophenol	0.70	10 ug/L	33 - 115	25	53 - 100	25
4-Chlorophenyl phenyl ether	0.90	10 ug/L	63 - 112	25	67 - 115	25
Chrysene	0.80	10 ug/L	60 - 122	25	60 - 122	25
Di-n-butyl phthalate	0.90	10 ug/L	68 - 131	25	73 - 129	25
Di-n-octyl phthalate	0.60	10 ug/L	68 - 135	25	71 - 127	25
Dibenz (a,h) anthracene	0.80	10 ug/L	41 - 139	25	67 - 150	25
Dibenzofuran	0.90	10 ug/L	55 - 119	25	68 - 108	25
1,2-Dichlorobenzene	0.60	10 ug/L	40 - 100	25	40 - 100	25
1,3-Dichlorobenzene	0.60	10 ug/L	40 - 100	25	40 - 100	25
1,4-Dichlorobenzene	0.60	10 ug/L	40 - 92	25	40 - 92	25
2,4-Dichlorophenol	0.70	10 ug/L	57 - 113	25	67 - 110	25
Diethyl phthalate	0.30	10 ug/L	71 - 112	25	74 - 119	25
Dimethyl phthalate	0.80	10 ug/L	70 - 111	25	68 - 121	25
2,4-Dimethylphenol	1.0	10 ug/L	32 - 119	25	32 - 119	25
4,6-Dinitro-2-methylphenol	3.0	50 ug/L	18 - 164	25	59 - 129	25
2,4-Dinitrophenol	5.0	50 ug/L	46 - 149	25	46 - 149	25
2,4-Dinitrotoluene	0.80	10 ug/L	75 - 115	25	75 - 120	25
2,6-Dinitrotoluene	0.80	10 ug/L	72 - 119	25	66 - 120	25
1,2-Diphenylhydrazine	0.60	10 ug/L		25		25

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Fluoranthene	0.80	10 ug/L	63 - 122	25	63 - 122	25
Fluorene	0.80	10 ug/L	59 - 113	25	75 - 120	25
Hexachlorobenzene	0.90	10 ug/L	66 - 105	25	75 - 120	25
Hexachlorobutadiene	0.80	10 ug/L	29 - 108	25	46 - 93	25
Hexachlorocyclopentadiene	4.0	15 ug/L	0 - 125	25	8 - 83	25
Hexachloroethane	0.60	10 ug/L	40 - 90	25	40 - 89	25
Indeno (1,2,3-cd) pyrene	0.60	10 ug/L	47 - 125	25	68 - 150	25
Isophorone	0.30	10 ug/L	39 - 140	25	39 - 140	25
2-Methylnaphthalene	1.0	10 ug/L	52 - 106	25	59 - 100	25
2-Methylphenol (o-cresol)	0.60	10 ug/L	50 - 104	25	50 - 86	25
3 & 4-Methylphenol (m,p-cresol)	0.60	10 ug/L	48 - 102	25	48 - 84	25
N-Nitrosodi-n-propylamine	0.80	10 ug/L	49 - 116	25	58 - 104	25
N-Nitrosodiphenylamine	1.0	10 ug/L	0 - 141	25	60 - 120	25
N-Nitrosodimethylamine	0.30	5.0 ug/L	0 - 184	25	11 - 111	25
Naphthalene	0.70	10 ug/L	47 - 107	25	47 - 107	25
2-Nitroaniline	1.0	50 ug/L	55 - 122	25	66 - 122	25
3-Nitroaniline	5.0	50 ug/L	26 - 163	25	78 - 153	25
4-Nitroaniline	4.0	50 ug/L	42 - 200	25	20 - 100	25
Nitrobenzene	0.90	10 ug/L	38 - 124	25	38 - 124	25
2-Nitrophenol	0.90	10 ug/L	49 - 112	25	44 - 120	25
4-Nitrophenol	3.0	50 ug/L	21 - 110	25	21 - 71	25
Pentachlorophenol	4.0	50 ug/L	14 - 176	25	53 - 145	25
Phenanthrene	0.90	10 ug/L	63 - 123	25	63 - 123	25
Phenol	0.50	10 ug/L	17 - 87	25	21 - 51	25
Pyrene	0.40	10 ug/L	66 - 130	25	70 - 130	25
1,2,4-Trichlorobenzene	0.60	10 ug/L	44 - 101	25	51 - 96	25
2,4,5-Trichlorophenol	0.60	10 ug/L	65 - 125	25	65 - 125	25
2,4,6-Trichlorophenol	0.70	10 ug/L	69 - 120	25	68 - 116	25
surr: 2-Fluorobiphenyl			42 - 115			
surr: 2-Fluorophenol			21 - 87			

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surr: Nitrobenzene-d5			50 - 110			
surr: p-Terphenyl-d14			61 - 134			
surr: Phenol-d6			20 - 52			
surr: 2,4,6-Tribromophenol			54 - 135			
8270 PNAs in Soil (EPA 8270C)						
Acenaphthene	0.10	0.33 mg/kg	35 - 90	25	35 - 90	25
Acenaphthylene	0.10	0.33 mg/kg				
Anthracene	0.10	0.33 mg/kg				
Benzo (a) pyrene	0.10	0.33 mg/kg				
Benzo (b) fluoranthene	0.10	0.33 mg/kg				
Benzo (g,h,i) perylene	0.10	0.33 mg/kg				
Benzo (k) fluoranthene	0.10	0.33 mg/kg				
Chrysene	0.10	0.33 mg/kg				
Dibenz (a,h) anthracene	0.10	0.33 mg/kg				
Fluoranthene	0.10	0.33 mg/kg				
Fluorene	0.10	0.33 mg/kg				
Indeno (1,2,3-cd) pyrene	0.10	0.33 mg/kg				
2-Methylnaphthalene	0.10	0.33 mg/kg				
Naphthalene	0.10	0.33 mg/kg				
Phenanthrene	0.10	0.33 mg/kg				
Pyrene	0.10	0.33 mg/kg	50 - 100	25	50 - 100	25
surr: 2-Fluorobiphenyl			61 - 117			
surr: Nitrobenzene-d5			47 - 123			
surr: p-Terphenyl-d14			63 - 133			
8270 Regular List in Soil (EPA 8270C)						
Acenaphthene	0.10	0.33 mg/kg	35 - 90	25	35 - 90	25
Acenaphthylene	0.10	0.33 mg/kg				
Anthracene	0.10	0.33 mg/kg				
Benzo (a) anthracene	0.10	0.33 mg/kg				

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Benzo (a) pyrene	0.10	0.33 mg/kg				
Benzo (b) fluoranthene	0.10	0.33 mg/kg				
Benzo (g,h,i) perylene	0.10	0.33 mg/kg				
Benzo (k) fluoranthene	0.10	0.33 mg/kg				
Benzoic acid	0.60	1.6 mg/kg				
Benzyl alcohol	0.90	1.6 mg/kg				
Bis(2-chloroethoxy)methane	0.20	0.33 mg/kg				
Bis(2-chloroethyl)ether	0.20	0.33 mg/kg				
Bis(2-chloroisopropyl)ether	0.20	0.33 mg/kg				
Bis(2-ethylhexyl)phthalate	0.20	0.33 mg/kg				
4-Bromophenyl phenyl ether	0.20	0.33 mg/kg				
Butyl benzyl phthalate	0.20	0.33 mg/kg				
4-Chloro-3-methylphenol	0.20	0.33 mg/kg	55 - 105	25	55 - 105	25
4-Chloroaniline	0.20	0.66 mg/kg				
2-Chloronaphthalene	0.20	0.33 mg/kg				
2-Chlorophenol	0.20	0.33 mg/kg	55 - 100	25	55 - 100	25
4-Chlorophenyl phenyl ether	0.20	0.33 mg/kg				
Chrysene	0.10	0.33 mg/kg				
Di-n-butyl phthalate	0.20	0.33 mg/kg				
Di-n-octyl phthalate	0.20	0.33 mg/kg				
Dibenz (a,h) anthracene	0.10	0.33 mg/kg				
Dibenzofuran	0.10	0.33 mg/kg				
1,2-Dichlorobenzene	0.20	0.33 mg/kg				
1,3-Dichlorobenzene	0.20	0.33 mg/kg				
1,4-Dichlorobenzene	0.20	0.33 mg/kg	55 - 100	25	55 - 100	25
2,4-Dichlorophenol	0.20	0.33 mg/kg				
Diethyl phthalate	0.10	0.33 mg/kg				
Dimethyl phthalate	0.20	0.33 mg/kg				
2,4-Dimethylphenol	0.20	0.33 mg/kg				
4,6-Dinitro-2-methylphenol	0.30	1.6 mg/kg				

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2,4-Dinitrophenol	0.20	1.6 mg/kg				
2,4-Dinitrotoluene	0.10	0.33 mg/kg	65 - 100	25	65 - 100	25
2,6-Dinitrotoluene	0.20	0.33 mg/kg				
1,2-Diphenylhydrazine	0.20	0.33 mg/kg				
Fluoranthene	0.10	0.33 mg/kg				
Fluorene	0.10	0.33 mg/kg				
Hexachlorobenzene	0.10	0.33 mg/kg				
Hexachlorobutadiene	0.20	0.33 mg/kg				
Hexachlorocyclopentadiene	0.20	1.6 mg/kg				
Hexachloroethane	0.20	0.33 mg/kg				
Indeno (1,2,3-cd) pyrene	0.10	0.33 mg/kg				
Isophorone	0.20	0.33 mg/kg				
2-Methylnaphthalene	0.10	0.33 mg/kg				
2-Methylphenol (o-cresol)	0.20	0.33 mg/kg				
3 & 4-Methylphenol (m,p-cresol)	0.20	0.33 mg/kg				
N-Nitrosodi-n-propylamine	0.20	0.33 mg/kg	45 - 80	25	45 - 80	25
N-Nitrosodimethylamine	0.10	0.66 mg/kg				
N-Nitrosodiphenylamine	0.20	0.33 mg/kg				
Naphthalene	0.10	0.33 mg/kg				
2-Nitroaniline	0.20	1.6 mg/kg				
3-Nitroaniline	0.30	1.6 mg/kg				
4-Nitroaniline	0.50	1.6 mg/kg				
Nitrobenzene	0.20	0.33 mg/kg				
2-Nitrophenol	0.10	1.6 mg/kg				
4-Nitrophenol	0.30	1.6 mg/kg	60 - 110	25	60 - 110	25
Pentachlorophenol	0.50	1.6 mg/kg	60 - 115	25	42 - 125	25
Phenanthrene	0.10	0.33 mg/kg				
Phenol	0.20	0.33 mg/kg	55 - 100	25	54 - 95	25
Pyridine	3.0	10 mg/kg	70 - 130	25	70 - 130	25
Pyrene	0.10	0.33 mg/kg	50 - 100	25	50 - 100	25

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 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Analytical Services Quotation

Contact: Walter Norosky
Client: Santa Rosa, City of - Utilities Dept.
Address: 4300 Llano Rd.
 Santa Rosa CA, 95407
Phone: (707) 543-4369
Project: 1 - Master Services List

Quoted: 1/3/2020
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Expires: 12/31/20

1,2,4-Trichlorobenzene	0.20	0.33 mg/kg	55 - 95	25	55 - 95	25
2,4,5-Trichlorophenol	0.20	0.33 mg/kg				
2,4,6-Trichlorophenol	0.20	0.33 mg/kg				
surr: 2-Fluorobiphenyl			61 - 117			
surr: 2-Fluorophenol			50 - 113			
surr: Nitrobenzene-d5			47 - 123			
surr: p-Terphenyl-d14			63 - 133			
surr: Phenol-d6			49 - 119			
surr: 2,4,6-Tribromophenol			52 - 129			
8270 Regular List in Other (W) (EPA 8270C)						
Acenaphthene	0.10	0.33 mg/kg	35 - 90	25	35 - 90	25
Acenaphthylene	0.10	0.33 mg/kg				
Anthracene	0.10	0.33 mg/kg				
Benzo (a) anthracene	0.10	0.33 mg/kg				
Benzo (a) pyrene	0.10	0.33 mg/kg				
Benzo (b) fluoranthene	0.10	0.33 mg/kg				
Benzo (g,h,i) perylene	0.10	0.33 mg/kg				
Benzo (k) fluoranthene	0.10	0.33 mg/kg				
Benzoic acid	0.60	1.6 mg/kg				
Benzyl alcohol	0.90	1.6 mg/kg				
Bis(2-chloroethoxy)methane	0.20	0.33 mg/kg				
Bis(2-chloroethyl)ether	0.20	0.33 mg/kg				
Bis(2-chloroisopropyl)ether	0.20	0.33 mg/kg				
Bis(2-ethylhexyl)phthalate	0.20	0.33 mg/kg				
4-Bromophenyl phenyl ether	0.20	0.33 mg/kg				
Butyl benzyl phthalate	0.20	0.33 mg/kg				
4-Chloro-3-methylphenol	0.20	0.33 mg/kg	55 - 105	25	55 - 105	25
4-Chloroaniline	0.20	0.66 mg/kg				
2-Chloronaphthalene	0.20	0.33 mg/kg				

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2-Chlorophenol	0.20	0.33 mg/kg	55 - 100	25	55 - 100	25
4-Chlorophenyl phenyl ether	0.20	0.33 mg/kg				
Chrysene	0.10	0.33 mg/kg				
Di-n-butyl phthalate	0.20	0.33 mg/kg				
Di-n-octyl phthalate	0.20	0.33 mg/kg				
Dibenz (a,h) anthracene	0.10	0.33 mg/kg				
Dibenzofuran	0.10	0.33 mg/kg				
1,2-Dichlorobenzene	0.20	0.33 mg/kg				
1,3-Dichlorobenzene	0.20	0.33 mg/kg				
1,4-Dichlorobenzene	0.20	0.33 mg/kg	55 - 100	25	55 - 100	25
2,4-Dichlorophenol	0.20	0.33 mg/kg				
Diethyl phthalate	0.10	0.33 mg/kg				
Dimethyl phthalate	0.20	0.33 mg/kg				
2,4-Dimethylphenol	0.20	0.33 mg/kg				
4,6-Dinitro-2-methylphenol	0.30	1.6 mg/kg				
2,4-Dinitrophenol	0.20	1.6 mg/kg				
2,4-Dinitrotoluene	0.10	0.33 mg/kg	65 - 100	25	65 - 100	25
2,6-Dinitrotoluene	0.20	0.33 mg/kg				
1,2-Diphenylhydrazine	0.20	0.33 mg/kg				
Fluoranthene	0.10	0.33 mg/kg				
Fluorene	0.10	0.33 mg/kg				
Hexachlorobenzene	0.10	0.33 mg/kg				
Hexachlorobutadiene	0.20	0.33 mg/kg				
Hexachlorocyclopentadiene	0.20	1.6 mg/kg				
Hexachloroethane	0.20	0.33 mg/kg				
Indeno (1,2,3-cd) pyrene	0.10	0.33 mg/kg				
Isophorone	0.20	0.33 mg/kg				
2-Methylnaphthalene	0.10	0.33 mg/kg				
2-Methylphenol (o-cresol)	0.20	0.33 mg/kg				
3 & 4-Methylphenol (m,p-cresol)	0.20	0.33 mg/kg				

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N-Nitrosodi-n-propylamine	0.20	0.33 mg/kg	45 - 80	25	45 - 80	25
N-Nitrosodiphenylamine	0.20	0.33 mg/kg				
N-Nitrosodimethylamine	0.10	0.66 mg/kg				
Naphthalene	0.10	0.33 mg/kg				
2-Nitroaniline	0.20	1.6 mg/kg				
3-Nitroaniline	0.30	1.6 mg/kg				
4-Nitroaniline	0.50	1.6 mg/kg				
Nitrobenzene	0.20	0.33 mg/kg				
2-Nitrophenol	0.10	1.6 mg/kg				
4-Nitrophenol	0.30	1.6 mg/kg	60 - 110	25	60 - 110	25
Pentachlorophenol	0.50	1.6 mg/kg	60 - 115	25	60 - 115	25
Phenanthrene	0.10	0.33 mg/kg				
Phenol	0.20	0.33 mg/kg	55 - 100	25	55 - 100	25
Pyridine	3.0	10 mg/kg	70 - 130	25	70 - 130	25
Pyrene	0.10	0.33 mg/kg	50 - 100	25	50 - 100	25
1,2,4-Trichlorobenzene	0.20	0.33 mg/kg	55 - 95	25	55 - 95	25
2,4,5-Trichlorophenol	0.20	0.33 mg/kg				
2,4,6-Trichlorophenol	0.20	0.33 mg/kg				
surr: 2-Fluorobiphenyl			61 - 117			
surr: 2-Fluorophenol			50 - 113			
surr: Nitrobenzene-d5			47 - 123			
surr: p-Terphenyl-d14			63 - 133			
surr: Phenol-d6			49 - 119			
surr: 2,4,6-Tribromophenol			52 - 129			
8270 Regular List in Other (V) (EPA 8270C)						
Acenaphthene	0.60	10 ug/L	70 - 130	25	70 - 130	25
Acenaphthylene	0.50	10 ug/L	70 - 130	25	70 - 130	25
Anthracene	0.40	10 ug/L	70 - 130	25	70 - 130	25
Benzo (a) anthracene	0.40	10 ug/L	70 - 130	25	70 - 130	25

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Benzo (a) pyrene	0.50	10 ug/L	70 - 130	25	70 - 130	25
Benzo (b) fluoranthene	0.60	10 ug/L	70 - 130	25	70 - 130	25
Benzo (g,h,i) perylene	0.90	10 ug/L	70 - 130	25	70 - 130	25
Benzo (k) fluoranthene	0.50	10 ug/L	70 - 130	25	70 - 130	25
Benzoic acid	30	50 ug/L	70 - 130	25	70 - 130	25
Benzyl alcohol	3.0	20 ug/L	70 - 130	25	70 - 130	25
Bis(2-chloroethoxy)methane	0.90	10 ug/L	70 - 130	25	70 - 130	25
Bis(2-chloroethyl)ether	0.90	10 ug/L	70 - 130	25	70 - 130	25
Bis(2-chloroisopropyl)ether	1.0	10 ug/L	70 - 130	25	70 - 130	25
Bis(2-ethylhexyl)phthalate	3.0	10 ug/L	70 - 130	25	70 - 130	25
4-Bromophenyl phenyl ether	1.0	10 ug/L	70 - 130	25	70 - 130	25
Butyl benzyl phthalate	0.60	10 ug/L	70 - 130	25	70 - 130	25
4-Chloro-3-methylphenol	1.0	10 ug/L	70 - 130	25	70 - 130	25
4-Chloroaniline	1.0	20 ug/L	70 - 130	25	70 - 130	25
2-Chloronaphthalene	0.60	10 ug/L	70 - 130	25	70 - 130	25
2-Chlorophenol	0.70	10 ug/L	70 - 130	25	70 - 130	25
4-Chlorophenyl phenyl ether	0.90	10 ug/L	70 - 130	25	70 - 130	25
Chrysene	0.80	10 ug/L	70 - 130	25	70 - 130	25
Di-n-butyl phthalate	0.90	10 ug/L	70 - 130	25	70 - 130	25
Di-n-octyl phthalate	0.60	10 ug/L	70 - 130	25	70 - 130	25
Dibenz (a,h) anthracene	0.80	10 ug/L	70 - 130	25	70 - 130	25
Dibenzofuran	0.90	10 ug/L	70 - 130	25	70 - 130	25
1,2-Dichlorobenzene	0.60	10 ug/L	70 - 130	25	70 - 130	25
1,3-Dichlorobenzene	0.60	10 ug/L	70 - 130	25	70 - 130	25
1,4-Dichlorobenzene	0.60	10 ug/L	70 - 130	25	70 - 130	25
2,4-Dichlorophenol	0.70	10 ug/L	70 - 130	25	70 - 130	25
Diethyl phthalate	0.30	10 ug/L	70 - 130	25	70 - 130	25
Dimethyl phthalate	0.80	10 ug/L	70 - 130	25	70 - 130	25
2,4-Dimethylphenol	1.0	10 ug/L	70 - 130	25	70 - 130	25
4,6-Dinitro-2-methylphenol	3.0	50 ug/L	70 - 130	25	70 - 130	25

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Analytical Services Quotation

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2,4-Dinitrophenol	5.0	50 ug/L	70 - 130	25	70 - 130	25
2,4-Dinitrotoluene	0.80	10 ug/L	70 - 130	25	70 - 130	25
2,6-Dinitrotoluene	0.80	10 ug/L	70 - 130	25	70 - 130	25
1,2-Diphenylhydrazine	0.60	10 ug/L				
Fluoranthene	0.80	10 ug/L	70 - 130	25	70 - 130	25
Fluorene	0.80	10 ug/L	70 - 130	25	70 - 130	25
Hexachlorobenzene	0.90	10 ug/L	70 - 130	25	70 - 130	25
Hexachlorobutadiene	0.80	10 ug/L	70 - 130	25	70 - 130	25
Hexachlorocyclopentadiene	4.0	15 ug/L	70 - 130	25	70 - 130	25
Hexachloroethane	0.60	10 ug/L	70 - 130	25	70 - 130	25
Indeno (1,2,3-cd) pyrene	0.60	10 ug/L	70 - 130	25	70 - 130	25
Isophorone	0.30	10 ug/L	70 - 130	25	70 - 130	25
2-Methylnaphthalene	1.0	10 ug/L	70 - 130	25	70 - 130	25
2-Methylphenol (o-cresol)	0.60	10 ug/L	70 - 130	25	70 - 130	25
3 & 4-Methylphenol (m,p-cresol)	0.60	10 ug/L	70 - 130	25	70 - 130	25
N-Nitrosodi-n-propylamine	0.80	10 ug/L	70 - 130	25	70 - 130	25
N-Nitrosodiphenylamine	1.0	10 ug/L	70 - 130	25	70 - 130	25
N-Nitrosodimethylamine	0.30	5.0 ug/L	70 - 130	25	70 - 130	25
Naphthalene	0.70	10 ug/L	70 - 130	25	70 - 130	25
2-Nitroaniline	1.0	50 ug/L	70 - 130	25	70 - 130	25
3-Nitroaniline	5.0	50 ug/L	70 - 130	25	70 - 130	25
Nitrobenzene	0.90	10 ug/L	70 - 130	25	70 - 130	25
4-Nitroaniline	4.0	50 ug/L	70 - 130	25	70 - 130	25
2-Nitrophenol	0.90	10 ug/L	70 - 130	25	70 - 130	25
4-Nitrophenol	3.0	50 ug/L	70 - 130	25	70 - 130	25
Pentachlorophenol	4.0	50 ug/L	70 - 130	25	70 - 130	25
Phenanthrene	0.90	10 ug/L	70 - 130	25	70 - 130	25
Phenol	0.50	10 ug/L	70 - 130	25	70 - 130	25
Pyrene	0.40	10 ug/L	70 - 130	25	70 - 130	25
1,2,4-Trichlorobenzene	0.60	10 ug/L	70 - 130	25	70 - 130	25

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2,4,5-Trichlorophenol	0.60	10 ug/L	70 - 130	25	70 - 130	25
2,4,6-Trichlorophenol	0.70	10 ug/L	70 - 130	25	70 - 130	25
surr: 2-Fluorobiphenyl			70 - 130			
surr: 2-Fluorophenol			70 - 130			
surr: Nitrobenzene-d5			70 - 130			
surr: p-Terphenyl-d14			70 - 130			
surr: Phenol-d6			70 - 130			
surr: 2,4,6-Tribromophenol			70 - 130			

Semivolatile Organic Compounds by EPA Method 8270C SIM

8270 PNAsSIM in Water (EPA 8270SIM)

Acenaphthene	0.20	0.20 ug/L	49 - 106	25	49 - 106	25
Acenaphthylene	0.19	0.20 ug/L		25		25
Anthracene	0.090	0.20 ug/L		25		25
Benzo (a) anthracene	0.11	0.20 ug/L	52 - 105	25	52 - 105	25
Benzo (a) pyrene	0.12	0.20 ug/L		25		25
Benzo (b) fluoranthene	0.11	0.20 ug/L		25		25
Benzo (g,h,i) perylene	0.10	0.20 ug/L		25		25
Benzo (k) fluoranthene	0.14	0.20 ug/L		25		25
Chrysene	0.13	0.20 ug/L		25		25
Dibenz (a,h) anthracene	0.10	0.20 ug/L		25		25
Fluoranthene	0.070	0.20 ug/L		25		25
Fluorene	0.11	0.20 ug/L		25		25
Indeno (1,2,3-cd) pyrene	0.030	0.20 ug/L		25		25
Naphthalene	0.090	0.20 ug/L		25		25
Phenanthrene	0.10	0.20 ug/L		25		25
Pyrene	0.16	0.20 ug/L	59 - 119	25	59 - 119	25
surr: 2-Fluorobiphenyl			57 - 112			
surr: Nitrobenzene-d5			545 - 126			

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surr: p-Terphenyl-d14		64 - 138					
8270 PNASIM in Water (EPA 8270SIM)							
Acenaphthene	0.20	10 ug/L	49 - 106	25	49 - 106	25	
Acenaphthylene	0.20	10 ug/L		25		25	
Anthracene	0.090	10 ug/L		25		25	
Benzo (a) anthracene	0.11	10 ug/L	52 - 105	25	52 - 105	25	
Benzo (a) pyrene	0.20	10 ug/L		25		25	
Benzo (b) fluoranthene	0.20	10 ug/L		25		25	
Benzo (g,h,i) perylene	0.10	10 ug/L		25		25	
Benzo (k) fluoranthene	0.20	10 ug/L		25		25	
Chrysene	0.20	10 ug/L		25		25	
Dibenz (a,h) anthracene	0.10	10 ug/L		25		25	
Fluoranthene	0.070	10 ug/L		25		25	
Fluorene	0.20	10 ug/L		25		25	
Indeno (1,2,3-cd) pyrene	0.030	10 ug/L		25		25	
2-Methylnaphthalene	0.20	10 ug/L		25		25	
Naphthalene	0.090	10 ug/L		25		25	
Phenanthrene	0.10	10 ug/L		25		25	
Pyrene	0.20	10 ug/L	59 - 119	25	59 - 119	25	
surr: 2-Fluorobiphenyl		34 - 133					
surr: Nitrobenzene-d5		36 - 131					
surr: p-Terphenyl-d14		35 - 156					
8270 PNASIM in Soil (EPA 8270SIM)							
Acenaphthene	0.020	0.030 mg/kg	40 - 120	25	29 - 105	25	
Acenaphthylene	0.020	0.030 mg/kg					
Anthracene	0.020	0.030 mg/kg					
Benzo (a) pyrene	0.020	0.030 mg/kg					
Benzo (b) fluoranthene	0.020	0.030 mg/kg					
Benzo (g,h,i) perylene	0.020	0.030 mg/kg					

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 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Analytical Services Quotation

Contact: Walter Norosky
Client: Santa Rosa, City of - Utilities Dept.
Address: 4300 Llano Rd.
 Santa Rosa CA, 95407
Phone: (707) 543-4369
Project: 1 - Master Services List

Quoted: 1/3/2020
Effective: 12/06/19
Expires: 12/31/20

Benzo (k) fluoranthene	0.020	0.030 mg/kg				
Chrysene	0.020	0.030 mg/kg				
Dibenz (a,h) anthracene	0.020	0.030 mg/kg				
Fluoranthene	0.020	0.030 mg/kg				
Fluorene	0.020	0.030 mg/kg				
Indeno (1,2,3-cd) pyrene	0.020	0.030 mg/kg				
2-Methylnaphthalene	0.020	0.030 mg/kg				
Naphthalene	0.020	0.030 mg/kg				
Phenanthrene	0.020	0.030 mg/kg				
Pyrene	0.020	0.030 mg/kg	40 - 120	25	44 - 125	25
surr: 2-Fluorobiphenyl						57 - 112
surr: Nitrobenzene-d5						545 - 126
surr: p-Terphenyl-d14						64 - 138



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Container Information				
Analysis	Container	Preservation	Volume Required	Hold (Days)
Matrix: Wipe				
8260B Full List	4 oz. jar	<6°C	4oz	14
8270 Regular List	8 oz. jar	<6°C	8oz	14
Ag Total ICP 6010	Other	<6°C	1 Wipe	180
Ag Total ICP 6010	Other	<6°C	1 Wipe	180
As Total ICP 6010	Other	<6°C	1 wipe	180
As Total ICP 6010	Other	<6°C	1 wipe	180
Ba Total ICP 6010	Other	<6°C	1 wipe	180
Ba Total ICP 6010	Other	<6°C	1 wipe	180
Be Total ICP 6010	Other	<6°C	1 wipe	180
Be Total ICP 6010	Other	<6°C	1 wipe	180
Cd Total ICP 6010	Other	<6°C	1 wipe	180

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Container Information				
Analysis	Container	Preservation	Volume Required	Hold (Days)
Cd Total ICP 6010	Other	<6°C	1 wipe	180
Co Total ICP 6010	Other	<6°C	1 wipe	180
Co Total ICP 6010	Other	<6°C	1 wipe	180
Cr Total ICP 6010	Other	<6°C	1 wipe	180
Cr Total ICP 6010	Other	<6°C	1 wipe	180
Cu Total ICP 6010	Other	<6°C	1 wipe	180
Cu Total ICP 6010	Other	<6°C	1 wipe	180
Cyanide, Total	Other	<6°C	1 wipe	14
Mo Total ICP 6010	Other	<6°C	1 wipe	180
Mo Total ICP 6010	Other	<6°C	1 wipe	180
Ni Total ICP 6010	Other	<6°C	1 wipe	180
Ni Total ICP 6010	Other	<6°C	1 wipe	180

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Container Information				
Analysis	Container	Preservation	Volume Required	Hold (Days)
Pb Total ICP 6010	Other	<6°C	1 wipe	180
Pb Total ICP 6010	Other	<6°C	1 wipe	180
Sb Total ICP 6010	Other	<6°C	1 wipe	180
Sb Total ICP 6010	Other	<6°C	1 wipe	180
Se Total ICP 6010	Other	<6°C	1 wipe	180
Se Total ICP 6010	Other	<6°C	1 wipe	180
Tl Total ICP 6010	Other	<6°C	1 wipe	180
Tl Total ICP 6010	Other	<6°C	1 wipe	180
V Total ICP 6010	Other	<6°C	1 wipe	180
V Total ICP 6010	Other	<6°C	1 wipe	180
Zn Total ICP 6010	Other	<6°C	1 wipe	180
Zn Total ICP 6010	Other	<6°C	1 wipe	180

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Container Information				
Analysis	Container	Preservation	Volume Required	Hold (Days)
Matrix: Water				
123-TCP SUB FGL	VOA Vial - HCl - Amber	Dechlorinate, <6°C	4 x VOA vials	14
2-Chloroethyl Vinyl Ether by EPA 624.1	VOA Vial - Unpres	Dechlorinate, <6°C	4 VOA Vials	14
2-Chloroethyl Vinyl Ether by EPA 624.1	VOA Vial - Unpres	Dechlorinate, <6°C	4 VOA Vials	14
504.1 EDB/DBCP	VOA Vial - Na2S2O3	<6°C	4 VOA vials	14
507 DHS Regulatory	1L Amber- Unpres.	Dechlorinate; <6°C	2 1L	14
508 DHS Regulatory	1L Amber- Unpres.	Dechlorinate; <6°C	2 1L Amber	7
515.3 Herbicides	1L Amber- Unpres.	Dechlorinate; <6°C	2 1L Ambers	14
524.2 Regulated Compounds Only	VOA Vial - HCl	Dechlorinate; HCl to pH<2; <6°C	4 VOA vials	14
524.2 Volatiles	VOA Vial - HCl	Dechlorinate; HCl to pH<2; <6°C	4 VOA vials	14
525 Semivolatiles	1L Amber-HCl	Dechlor with 50mg/L Na2SO3, HCl to pH<2, <6°C	2 1L Ambers	14
525.3 DDW SVOC	1L Amber- AA + EDTA + KHC	<6°C, AA + EDTA + KHC	2 1L Ambers	14

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Container Information

Analysis	Container	Preservation	Volume Required	Hold (Days)
531.1 DHS Regulatory	125mL Amber - Monochloroacetic Acid	3.6ml monochloroacetic acid before dechlor, <6°C	125ml	28
547 Glyphosate	125mL Amber	Dechlorinate; <6°C	2 125ml Amber	14
548.1 Endothall	250mL Amber-Unpres.	<6°C	100ml	7
549.2 Diquat	1 Liter Brown Poly	Dechlorinate; <6°C	1 liter	7
610 PNAs	1L Amber- Unpres.	<6°C	1L	7
624.1 Acrolein	VOA Vial - Unpres	Dechlorinate, <6°C	4 VOA Vials	3
624.1 Volatiles	VOA Vial - HCl	Dechlorinate, <6°C	4 VOA Vials	14
632 Diuron	1L Amber- Unpres.	<6°C	1 1L	7
8080 Pest/PCB Water	1L Amber- Unpres.	Dechlorinate; <6°C	2 1L	7
8141A OPP	1L Amber- Unpres.	<6°C	2 1L	7
8260B Full List	VOA Vial - HCl	Dechlorinate; HCl to pH<2; <6°C	4 VOA Vials	14
8260B Full List	VOA Vial - HCl	Dechlorinate; HCl to pH<2; <6°C	4 VOA Vials	14

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Analysis	Container	Preservation	Volume Required	Hold (Days)
8270 PNAs	1L Amber- Unpres.	<6°C	2 1L	7
8270 PNAsSIM	1L Amber- Unpres.	<6°C	2 1L	7
8270 PNAsSIM	1L Amber- Unpres.	<6°C	2 1L	7
8270 Regular List	1L Amber- Unpres.	<6°C	2 1L Ambers	7
Acidity SM2310B	500mL Poly Unpres	<6°C	100 ml	14
Ag Diss ICP 200.7	250mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	250ml	180
Ag Diss ICP 6010	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180
Ag DW ICP/MS 200.8	500mL Poly HNO3	Add HNO3 to pH<2	100 ml	180
Ag STLC 6010	500mL Poly Unpres	<6°C; Add HNO3 to pH<2 after extraction	500ml	180
Ag Total ICP 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Ag Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Ag Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180

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Aggressive Index	1L Poly - Unpres	<6°C	1L	180
Aggressive Index	1L Poly - Unpres	<6°C	1L	180
Al Diss ICP 200.7	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180
Al DW ICP/MS 200.8	500mL Poly HNO3	Add HNO3 to pH<2	100 ml	180
Al Total ICP 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Alkalinity 2320B	500mL Poly Unpres	<6°C	500 ml	14
Alkalinity 2320B	500mL Poly Unpres	<6°C	500 ml	14
Alkalinity 2320B	500mL Poly Unpres	<6°C	500 ml	14
Ammonia	Half gallon - poly H2SO4	Add H2SO4 to pH<2; <6°C	1l poly	28
Ammonia as N	Half gallon - poly H2SO4	Add H2SO4 to pH<2; <6°C	500	28
Ammonia as N	Half gallon - poly H2SO4	Add H2SO4 to pH<2; <6°C	500	28
Ammonia as N	Half gallon - poly H2SO4	Add H2SO4 to pH<2; <6°C	500	28

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Analysis	Container	Preservation	Volume Required	Hold (Days)
Ammonia Unionized	500mL Poly H2SO4	Add H2SO4 to pH<2; <6°C	500ml	28
Ammonia Unionized	500mL Poly H2SO4	Add H2SO4 to pH<2; <6°C	500ml	28
Ammonium Calculation	Half gallon - poly H2SO4	<6°C	64oz	48
As Diss ICP 6010	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180
As DW ICP/MS 200.8	500mL Poly HNO3	Add HNO3 to pH<2	100 ml	180
As STLC 6010	500mL Poly Unpres	<6°C; Add HNO3 to pH<2 after extraction	500ml	180
As Total ICP 200.7	500mL Poly HNO3	Add HNO3 to pH<2	100 ml	180
As Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
As Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Asbestos TEM WW	1L Amber- Unpres.	<6°C	2-1L	2
Asbestos-Water SUB Asbestos TEM	1L Amber- Unpres.	<6°C	2-1L	2
B Diss ICP 200.7	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180

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B Total ICP 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Ba Diss ICP 200.7	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180
Ba Diss ICP 6010	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180
Ba DW ICP/MS 200.8	500mL Poly HNO3	Add HNO3 to pH<2	100 ml	180
Ba STLC 6010	500mL Poly Unpres	<6°C; Add HNO3 to pH<2 after extraction	500ml or 500g	180
Ba Total ICP 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Ba Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Ba Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Be Diss ICP 200.7	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180
Be Diss ICP 6010	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180
Be DW ICP/MS 200.8	500mL Poly HNO3	Add HNO3 to pH<2	100 ml	180
Be STLC 6010	500mL Poly Unpres	<6°C; Add HNO3 to pH<2 after extraction	500ml	180

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Be Total ICP 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Be Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Be Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Bicarbonate	500mL Poly Unpres	<6°C	500ml	14
Bicarbonate	500mL Poly Unpres	<6°C	500ml	14
Bioassay %Sv RT	2.5 gal Cubitainer	<6°C	4 Cubitainers	1.5
Bioassay RT Non-renewal	2.5 gal Cubitainer	<6°C	2 Cubitainers	1.5
BOD-SM5210B	Half gallon - poly	<6°C	1000ml	2
BQLW-Micro	Other	<6°C	1 L	180
BTEX 8260	VOA Vial - HCl	Dechlorinate; HCl to pH<2; <6°C	4 VOA Vials	14
Ca Diss 200.7	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180
Ca DW ICP 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180

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Ca Total 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Ca Total 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Ca Total 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Ca Total 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Carbonate	500mL Poly Unpres	<6°C	500ml	14
Carbonate	500mL Poly Unpres	<6°C	500ml	14
Cd Diss ICP 200.7	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180
Cd Diss ICP 6010	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180
Cd DW ICP/MS 200.8	500mL Poly HNO3	Add HNO3 to pH<2	100 ml	180
Cd STLC 6010	500mL Poly Unpres	<6°C; Add HNO3 to pH<2 after extraction	500ml or 500g	180
Cd Total ICP 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Cd Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180

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Container Information

Analysis	Container	Preservation	Volume Required	Hold (Days)
Cd Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Cd Total ICP/MS 200.8	500mL Poly HNO3	Add HNO3 to pH<2	100 ml	180
Chlorate by EPA 300.0	250mL Poly EDA	Add 3 drops 0.125mg/ml EDA, <6°C.	1000ml	28
Chloride 300.0	500mL Poly Unpres	<6°C	500ml	28
Chlorophyll-A	1 Liter Brown Poly	<6°C in Dark	1 liter	2
Co Diss ICP 200.7	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180
Co Diss ICP 6010	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180
Co STLC 6010	500mL Poly Unpres	<6°C; Add HNO3 to pH<2 after extraction	500ml or 500g	180
Co Total ICP 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Co Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Co Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
COD-SM5220D	500mL Poly H2SO4	Add H2SO4 to pH<2; <6°C	120ml	28

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Analytical Services Quotation

Contact: Walter Norosky
Client: Santa Rosa, City of - Utilities Dept.
Address: 4300 Llano Rd.
 Santa Rosa CA, 95407
Phone: (707) 543-4369
Project: 1 - Master Services List

Quoted: 1/3/2020
Effective: 12/06/19
Expires: 12/31/20

Container Information

Analysis	Container	Preservation	Volume Required	Hold (Days)
Coliform, E. coli	250mL Bacti	Dechlorinate, <6°C	250ml	0.34
Coliform, Fecal 15 Tube	250mL Bacti	Dechlorinate, <6°C	250ml	0.34
Coliform, Fecal High Dilution	250mL Bacti	Dechlorinate, <6°C	250ml	0.34
Coliform, Total	250mL Bacti	Dechlorinate, <6°C	250ml	0.34
Coliform, Total 15 Tube	250mL Bacti	Dechlorinate, <6°C	250ml	0.34
Coliform, Total High Dilution	250mL Bacti	Dechlorinate, <6°C	250ml	0.34
Color-SM2120B	1L Poly - Unpres	<6°C	100 ml	2
Color-SM2120B	1L Poly - Unpres	<6°C	100 ml	2
Conductivity	500mL Poly Unpres	<6°C	500 ml	28
Conductivity	500mL Poly Unpres	<6°C	500 ml	28
Conductivity	500mL Poly Unpres	<6°C	500 ml	28
Cr Diss 200.7	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180

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Cr Diss ICP 6010	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180
Cr DW ICP/MS 200.8	500mL Poly HNO3	Add HNO3 to pH<2	100 ml	180
Cr STLC 6010	500mL Poly Unpres	<6°C; Add HNO3 to pH<2 after extraction	500ml or 500g	180
Cr Total ICP 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Cr Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Cr Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Cr Total ICP/MS 200.8	500mL Poly HNO3	Add HNO3 to pH<2	100 ml	180
Cr Total Low Level	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180
Cr6 218.6	250mL Poly - (NH4)2SO4	(NH4)2SO4, <6°C	250 mL	28
Cr6 3500CrB Water	250mL Poly - (NH4)2SO4	<6°C	250 mL	28
Cr6 7196A Water	250mL Poly Unpres	<6°C	250 mL	1
CTR 608.3 Pest/PCB	1L Amber- Unpres.	<6°C	1000ml	7

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Analysis	Container	Preservation	Volume Required	Hold (Days)
CTR 624.1 Volatiles	VOA Vial - HCl	Dechlorinate; <6°C	4 VOA Vials	14
CTR chlorpyrifos by EPA 614	1L Amber- Unpres.	<6°C	2 1L	7
CTR diazinon by EPA 614	1L Amber- Unpres.	<6°C	2 1L	14
CTR PNAs by EPA 8310	1L Amber- Unpres.	<6°C	1L	7
CTR Semi-Volatile by EPA 625.1	1L Amber- Unpres.	<6°C	1L	7
Cu Diss 200.7	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180
Cu Diss ICP 6010	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180
Cu DW ICP/MS 200.8	500mL Poly HNO3	Add HNO3 to pH<2	100 ml	180
Cu STLC 6010	500mL Poly Unpres	<6°C	500ml or 500g	180
Cu Total ICP 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Cu Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Cu Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180

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Cu Total ICP/MS 200.8	500mL Poly HNO3	Add HNO3 to pH<2	100 ml	180
Cyanide, Dissolved	250mL Brown Poly NaOH	Dechlorinate; NaOH to pH>12, <6°C	500ml	14
Cyanide, Total	250mL Brown Poly NaOH	Dechlorinate; NaOH to pH>12, <6°C	500ml	14
Dioxin 2378 TCDD	1L Amber- Unpres.	Dechlorinate, <6°C	2 1L	365
Dioxins Full List	1L Amber- Unpres.	<6°C	1000 ml	365
DOC-SM5310	125mL Amber	Filter in field; H3PO4 to pH<2, <6°C	125ml	28
Fe Diss ICP 200.7	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180
Fe DW ICP 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Fe Total ICP 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Fecal Strep - Hi Dil - SM9230	250mL Bacti	Dechlorinate, <6°C	250ml	0.34
Fecal Strep-SM9230	100mL Bacti	Dechlorinate, <6°C	100ml	0.34
Filtration	*** DEFAULT CONTAINER ***	<6°C	-	180

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Fluoride 300.0	500mL Poly Unpres	<6°C	500ml	28
Fluoride 300.0	500mL Poly Unpres	<6°C	500ml	28
Gross Alpha SUB	1L Poly - Unpres	None	1000 ml	180
Haloacetic Acids	250mL Amber NH4Cl, no headspace	<6°C	250 ml	14
Hardness Calc	250mL Poly HNO3	Add HNO3 to pH<2	250ML	180
Hardness Calc	250mL Poly HNO3	Add HNO3 to pH<2	250ML	180
Hardness Calc	250mL Poly HNO3	Add HNO3 to pH<2	250ML	180
Het PC Water Non-SDWA	100mL Bacti	Dechlorinate, <6°C	100ml	1
Hg Diss CVAA 7470	500mL Poly Unpres	Filter in Field; HNO3 to pH<2, <6°C	500 ml	28
Hg DW CVAA 245.1	250mL Poly HNO3	Add HNO3 to pH<2	250 ml	28
Hg LL CVAA Total 245.1	250mL Poly HNO3	Add HNO3 to pH<2	250 ml	28
Hg Total CVAA 245.1	250mL Poly HNO3	Add HNO3 to pH<2	250 ml	28

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Analysis	Container	Preservation	Volume Required	Hold (Days)
Hg Total CVAA 7470	250mL Poly HNO3	Add HNO3 to pH<2	250 ml	28
Hydroxide	500mL Poly Unpres	<6°C	500ml	14
Inhibitory Substance	Other	Store at STP	250 ml	180
Iron Bacteria	1L Amber- Unpres.	<6°C	1L	1
K Diss ICP 200.7	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180
K Total ICP 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
MBAS- SM5540C	1L Poly - Unpres	<6°C	1000 ml	2
MBAS- SM5540C	1L Poly - Unpres	<6°C	1000 ml	2
Mg Diss ICP 200.7	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180
Mg DW ICP 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Mg DW ICP 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Mg Total ICP 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180

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Mg Total ICP 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Mn Diss ICP 200.7	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180
Mn DW ICP/MS 200.8	500mL Poly HNO3	Add HNO3 to pH<2	100 ml	180
Mn Total ICP 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Mo Diss ICP 200.7	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180
Mo Diss ICP 6010	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180
Mo STLC 6010	500mL Poly Unpres	<6°C; Add HNO3 to pH<2 after extraction	500ml or 500g	180
Mo Total ICP 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Mo Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Mo Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
MTBE 8260	VOA Vial - HCl	Dechlorinate; HCl to pH<2; <6°C	4 VOA Vials	14
Na Diss ICP 200.7	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180

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Analysis	Container	Preservation	Volume Required	Hold (Days)
Na DW ICP 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Na Total ICP 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Na Total ICP 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Ni Diss ICP 200.7	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180
Ni Diss ICP 6010	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180
Ni DW ICP/MS 200.8	500mL Poly HNO3	Add HNO3 to pH<2	100 ml	180
Ni STLC 6010	500mL Poly Unpres	<6°C; Add HNO3 to pH<2 after extraction	500ml or 500g	180
Ni Total ICP 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Ni Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Ni Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Ni Total ICP/MS 200.8	500mL Poly HNO3	Add HNO3 to pH<2	100 ml	180
Nitrate 300.0	500mL Poly Unpres	<6°C	500 ml	2

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Nitrate as N 300.0	500mL Poly Unpres	<6°C	500 ml	2
Nitrate as N 300.0	500mL Poly Unpres	<6°C	500 ml	2
Nitrite 300.0	500mL Poly Unpres	<6°C	500ml	2
Nitrite as N 300.0	500mL Poly Unpres	<6°C	500ml	2
Nitrite as N 300.0	500mL Poly Unpres	<6°C	500ml	2
Nitrosodimethylamine (NDMA)	1L Amber- Unpres.	Dechlorinate with 500mg/L ascorbic acid, <6°C	2 1 Liter Ambers	14
O&G (HEM)	1L Amber-H2SO4	Add H2SO4 to pH<2; <6°C	2 1L	28
Odor by EPA 140.1	1L Amber- Unpres.	<6°C	200 ml	1
Odor by EPA 140.1	1L Amber- Unpres.	<6°C	200 ml	1
Orthophosphate SM4500	500mL Poly Unpres	Filter in field, <6°C	100 ml	2
Pb Diss ICP 6010	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180
Pb DW ICP/MS 200.8	500mL Poly HNO3	Add HNO3 to pH<2	100 ml	180

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Pb STLC 6010	500mL Poly Unpres	<6°C; Add HNO3 to pH<2 after extraction	500ml or 500g	180
Pb Total ICP 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Pb Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Pb Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Pb Total ICP/MS 200.8	500mL Poly HNO3	Add HNO3 to pH<2	100 ml	180
Perchlorate	500mL Poly Unpres	<6°C	500 ml	28
pH Water SM4500	250mL Poly Unpres	<6°C	250ml	0.01
pH Water SM4500	250mL Poly Unpres	<6°C	250ml	0.01
pH Water SM4500	250mL Poly Unpres	<6°C	250ml	0.01
Phenols-420.1	500mL Amber H2SO4	Add H2SO4 to pH<2; <6°C	2 1L	28
PhosphateTotal as P SM4500	500mL Poly H2SO4	Add H2SO4 to pH<2; <6°C	100 ml	28
PhosphateTotal SM4500	500mL Poly H2SO4	Add H2SO4 to pH<2; <6°C	100 ml	28

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Phosphorus Diss SM4500	250mL Poly H2SO4	Filter in field; H2SO4 to pH<2, <6°C	100ml	28
Phosphorus-SM4500	250mL Poly H2SO4	Add H2SO4 to pH<2; <6°C	100ml	28
Radon	VOA Vial - Unpres	None	125ml	4
Salinity	500mL Poly Unpres	<6°C	500ml	28
SAR Calculation	Other	<6°C	1000ml	180
SAR Calculation	Other	<6°C	1000ml	180
Sb Diss ICP 200.7	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180
Sb Diss ICP 6010	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180
Sb DW ICP/MS 200.8	500mL Poly HNO3	Add HNO3 to pH<2	100 ml	180
Sb STLC 6010	500mL Poly Unpres	<6°C; Add HNO3 to pH<2 after extraction	500ml or 500g	180
Sb Total ICP 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Sb Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180

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Analytical Services Quotation

Contact: Walter Norosky
Client: Santa Rosa, City of - Utilities Dept.
Address: 4300 Llano Rd.
 Santa Rosa CA, 95407
Phone: (707) 543-4369
Project: 1 - Master Services List

Quoted: 1/3/2020
Effective: 12/06/19
Expires: 12/31/20

Container Information				
Analysis	Container	Preservation	Volume Required	Hold (Days)
Sb Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
SBOD-SM5210B	Half gallon - poly	<6°C	1000ml	2
Se Diss ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Se DW ICP/MS 200.8	500mL Poly HNO3	Add HNO3 to pH<2	100 ml	180
Se STLC 6010	500mL Poly Unpres	<6°C; Add HNO3 to pH<2 after extraction	500ml	180
Se Total ICP 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Se Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Se Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Silica by 4500SI	500mL Poly Unpres	<6°C	250 ml	28
Solids, TDS-SM2540C	1L Poly - Unpres	<6°C	500ml	7
Solids, TDS-SM2540C	1L Poly - Unpres	<6°C	500ml	7
Solids, TDS-SM2540C	1L Poly - Unpres	<6°C	500ml	7

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Solids, Total-SM2540B	1L Poly - Unpres	<6°C	1000 ml	7
Solids, TSS-SM2540D	Half gallon - poly	<6°C	1000 ml	7
Sulfate 300.0	500mL Poly Unpres	<6°C	500ml	28
Sulfate 300.0	500mL Poly Unpres	<6°C	500ml	28
Ti Total ICP 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Ti Diss ICP 200.7	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180
Ti Diss ICP 6010	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180
Ti DW ICP/MS 200.8	500mL Poly HNO3	Add HNO3 to pH<2	100 ml	180
Ti STLC 6010	500mL Poly Unpres	<6°C; Add HNO3 to pH<2 after extraction	500ml or 500g	180
Ti Total ICP 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Ti Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Ti Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180

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Analysis	Container	Preservation	Volume Required	Hold (Days)
TOC-SM5310 Water	VOA Vial - H3PO4 - Amber	Add H3PO4 to pH<2; <6°C	4 40ml	28
TOC-SM5310C	VOA Vial - H3PO4 - Amber	Add H3PO4 to pH<2; <6°C	4 VOA vials	28
Total Kjeldahl Nitrogen	1L Poly - H2SO4	Add H2SO4 to pH<2; <6°C	500ml	28
Total Kjeldahl Nitrogen	1L Poly - H2SO4	Add H2SO4 to pH<2; <6°C	500ml	28
Total Kjeldahl Nitrogen	1L Poly - H2SO4	Add H2SO4 to pH<2; <6°C	500ml	28
Total Residual Chlorine by SM4500CIF	1L Amber- Unpres.	<6°C	500ml	0.01
Total Sulfide-Sub to Accutest or BSK	1L Amber- NaOH/ZnAc	Zinc acetate and NaOH to pH>9; <6°C	1L Amber	7
TPH D	1L Amber- Unpres.	<6°C	1L	7
TPH D/MO	1L Amber- Unpres.	<6°C	2 1L	7
TPH G	VOA Vial - HCl	<6°C	3 VOA Vials	14
TPH G 8260	VOA Vial - HCl	<6°C	3 VOA Vials	14
TPH G 8260	VOA Vial - HCl	<6°C	3 VOA Vials	14

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Analysis	Container	Preservation	Volume Required	Hold (Days)
Tributyltin	1L Amber- Unpres.	<6°C	2 1L	7
Trihalomethanes 524.2	VOA Vial - Na2S2O3	Dechlorinate, <6°C	3 VOA vials	14
Turbidity-2130B	500mL Poly Unpres	<6°C	100 ml	2
Turbidity-2130B	500mL Poly Unpres	<6°C	100 ml	2
V Diss ICP 200.7	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180
V Diss ICP 6010	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180
V STLC 6010	500mL Poly Unpres	<6°C; Add HNO3 to pH<2 after extraction	500ml or 500g	180
V Total ICP 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
V Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
V Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Zn Diss ICP 200.7	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180
Zn Diss ICP 6010	500mL Poly HNO3	Filter in Field; HNO3 to pH<2, <6°C	500ml	180

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Analysis	Container	Preservation	Volume Required	Hold (Days)
Zn DW ICP/MS 200.8	500mL Poly HNO3	Add HNO3 to pH<2	100 ml	180
Zn STLC 6010	500mL Poly Unpres	<6°C; Add HNO3 to pH<2 after extraction	500ml or 500g	180
Zn Total ICP 200.7	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Zn Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Zn Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Zn Total ICP/MS 200.8	500mL Poly HNO3	Add HNO3 to pH<2	100 ml	180
Matrix: Soil				
8141A OPP	4 oz. jar	<6°C	4oz	14
8260B Full List	Metal Core	<6°C	4oz	14
8270 PNAs	8 oz. jar	<6°C	8oz	14
8270 PNAsSIM	8 oz. jar	<6°C	8oz	14
8270 Regular List	8 oz. jar	<6°C	8oz	14

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Analysis	Container	Preservation	Volume Required	Hold (Days)
Acidity SM2310B	4 oz. jar	<6°C	4 oz	14
Ag STLC 6010	8 oz. jar	<6°C; Add HNO ₃ to pH<2 after extraction	500g	180
Ag Total ICP 6010	4 oz. jar	None	25g	180
Ag Total ICP 6010	4 oz. jar	None	25g	180
Alkalinity 2320B	4 oz. jar	<6°C	500 g	28
Ammonia	4 oz. jar	<6°C	4oz	28
Ammonia as N	4 oz. jar	<6°C	4oz	28
Ammonia as N	4 oz. jar	<6°C	4oz	28
As STLC 6010	4 oz. jar	<6°C; Add HNO ₃ to pH<2 after extraction	500g	180
As Total ICP 6010	4 oz. jar	None	25g	180
As Total ICP 6010	4 oz. jar	None	25g	180
Asbestos-Bulk Standard SUB Asbestos TEM	Plastic Baggie	Store at STP	15g	180

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Container Information

Analysis	Container	Preservation	Volume Required	Hold (Days)
Ba STLC 6010	8 oz. jar	<6°C; Add HNO3 to pH<2 after extraction	500ml or 500g	180
Ba Total ICP 6010	4 oz. jar	None	25g	180
Ba Total ICP 6010	4 oz. jar	None	25g	180
Be STLC 6010	4 oz. jar	<6°C; Add HNO3 to pH<2 after extraction	500g	180
Be Total ICP 6010	4 oz. jar	None	25g	180
Be Total ICP 6010	4 oz. jar	None	25g	180
BOD-SM5210B	1L Poly - Unpres	<6°C	1000ml	2
BTEX 8260	Metal Core	<6°C	4oz	14
Cd STLC 6010	4 oz. jar	<6°C; Add HNO3 to pH<2 after extraction	500ml or 500g	180
Cd Total ICP 6010	4 oz. jar	None	25g	180
Cd Total ICP 6010	4 oz. jar	None	25g	180
Co STLC 6010	4 oz. jar	<6°C; Add HNO3 to pH<2 after extraction	500ml or 500g	180

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Analysis	Container	Preservation	Volume Required	Hold (Days)
Co Total ICP 6010	4 oz. jar	None	25g	180
Co Total ICP 6010	4 oz. jar	None	25g	180
Coliform, Fecal 15 Tube	250mL Bacti	Dechlorinate, <6°C	250ml	0.34
Coliform, Fecal High Dilution	250mL Bacti	Dechlorinate, <6°C	250ml	0.34
Coliform, Total 15 Tube	250mL Bacti	Dechlorinate, <6°C	250ml	0.34
Coliform, Total High Dilution	250mL Bacti	Dechlorinate, <6°C	250ml	0.34
Cr STLC 6010	4 oz. jar	<6°C; Add HNO3 to pH<2 after extraction	500ml or 500g	180
Cr Total ICP 6010	4 oz. jar	None	25g	180
Cr Total ICP 6010	4 oz. jar	None	25g	180
Cu STLC 6010	4 oz. jar	<6°C; Add HNO3 to pH<2 after extraction	500ml or 500g	180
Cu Total ICP 200.7	8 oz. jar	<6°C	4oz	180
Cu Total ICP 6010	4 oz. jar	None	25g	180

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Cu Total ICP 6010	4 oz. jar	None	25g	180
Cyanide, Total	4 oz. jar	<6°C	50G	14
Dioxin 2378 TCDD	4 oz. jar	<6°C	4oz	30
Dioxin Low Level	4 oz. jar	<6°C	4oz	30
Fluoride 300.0	8 oz. jar	<6°C	8oz	28
Gross Alpha SUB	4 oz. jar	None	4oz	7
Mo STLC 6010	500mL Poly Unpres	<6°C; Add HNO3 to pH<2 after extraction	500ml or 500g	180
Mo Total ICP 6010	4 oz. jar	None	25g	180
Mo Total ICP 6010	4 oz. jar	None	25g	180
MTBE 8260	Metal Core	<6°C	4oz	14
Ni STLC 6010	4 oz. jar	<6°C; Add HNO3 to pH<2 after extraction	500ml or 500g	180
Ni Total ICP 6010	4 oz. jar	None	25g	180

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Ni Total ICP 6010	4 oz. jar	None	25g	180
Nitrate 300.0	4 oz. jar	<6°C	4oz	28
Nitrate as N 300.0	500mL Poly Unpres	<6°C	500 ml	28
Nitrate as N 300.0	500mL Poly Unpres	<6°C	500 ml	28
Nitrite 300.0	4 oz. jar	<6°C	4oz	28
Nitrite as N 300.0	4 oz. jar	<6°C	4oz	28
Nitrite as N 300.0	4 oz. jar	<6°C	4oz	28
Nitrogen, Org Calc	4 oz. jar	<6°C	4oz	28
Nitrogen, Org Calc	4 oz. jar	<6°C	4oz	28
Nitrogen, Total Calc	8 oz. jar	<6°C	8oz	28
Nitrogen, Total Calc	8 oz. jar	<6°C	8oz	28
O&G (HEM)	8 oz. jar	<6°C	4oz	28

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Analysis	Container	Preservation	Volume Required	Hold (Days)
Pb STLC 6010	4 oz. jar	<6°C; Add HNO3 to pH<2 after extraction	500ml or 500g	180
Pb Total ICP 200.7	Metal Core	<6°C	4oz	180
Pb Total ICP 6010	4 oz. jar	None	25g	180
Pb Total ICP 6010	4 oz. jar	None	25g	180
Phenols-420.1	4 oz. jar	<6°C	100 g	28
Sb STLC 6010	500mL Poly Unpres	<6°C; Add HNO3 to pH<2 after extraction	500ml or 500g	180
Sb Total ICP 6010	4 oz. jar	None	25g	180
Sb Total ICP 6010	4 oz. jar	None	25g	180
Se STLC 6010	4 oz. jar	<6°C; Add HNO3 to pH<2 after extraction	500g	180
Se Total ICP 6010	4 oz. jar	None	25g	180
Se Total ICP 6010	4 oz. jar	None	25g	180
Sulfate 300.0	4 oz. jar	<6°C	4oz	28

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TI STLC 6010	4 oz. jar	<6°C; Add HNO3 to pH<2 after extraction	500ml or 500g	180
TI Total ICP 6010	4 oz. jar	None	25g	180
TI Total ICP 6010	4 oz. jar	None	25g	180
TOC-9060 Soil - Sub Test America	4 oz. jar	<6°C	4 oz	180
Total Kjeldahl Nitrogen	4 oz. jar	<6°C	4oz	180
Total Kjeldahl Nitrogen	4 oz. jar	<6°C	4oz	180
Total Kjeldahl Nitrogen	4 oz. jar	<6°C	4oz	180
Total Sulfide-Sub to Accutest or BSK	4 oz. jar	<6°C	4oz	14
TPH D	Metal Core	<6°C	4oz	14
TPH G	Metal Core	<6°C	4 oz	14
Tributyltin	1L Amber- Unpres.	<6°C	2 1L	14
V STLC 6010	4 oz. jar	<6°C; Add HNO3 to pH<2 after extraction	500ml or 500g	180

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Analytical Services Quotation

Contact: Walter Norosky
Client: Santa Rosa, City of - Utilities Dept.
Address: 4300 Llano Rd.
 Santa Rosa CA, 95407
Phone: (707) 543-4369
Project: 1 - Master Services List

Quoted: 1/3/2020
Effective: 12/06/19
Expires: 12/31/20

Container Information				
Analysis	Container	Preservation	Volume Required	Hold (Days)
V Total ICP 6010	4 oz. jar	None	25g	180
V Total ICP 6010	4 oz. jar	None	25g	180
Zn STLC 6010	4 oz. jar	<6°C; Add HNO3 to pH<2 after extraction	500ml or 500g	180
Zn Total ICP 6010	4 oz. jar	None	25 g	180
Zn Total ICP 6010	4 oz. jar	None	25 g	180
Matrix: Other (W)				
8141A OPP	4 oz. jar	<6°C	4oz	14
8260B Full List	4 oz. jar	<6°C	4oz	14
8270 Regular List	8 oz. jar	<6°C	8oz	14
Ag STLC 6010	8 oz. jar	<6°C; Add HNO3 to pH<2 after extraction	500g	180
Ag Total ICP 6010	4 oz. jar	None	25g	180
Ag Total ICP 6010	4 oz. jar	None	25g	180

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Analysis	Container	Preservation	Volume Required	Hold (Days)
Ammonia as N	4 oz. jar	<6°C	4oz	28
Ammonia as N	4 oz. jar	<6°C	4oz	28
As STLC 6010	4 oz. jar	<6°C; Add HNO ₃ to pH<2 after extraction	500g	180
As Total ICP 6010	4 oz. jar	None	25g	180
As Total ICP 6010	4 oz. jar	None	25g	180
Asbestos-Bulk Standard SUB Asbestos TEM	Plastic Baggie	Store at STP	15g	180
Ba STLC 6010	8 oz. jar	<6°C; Add HNO ₃ to pH<2 after extraction	500ml or 500g	180
Ba Total ICP 6010	4 oz. jar	None	25g	180
Ba Total ICP 6010	4 oz. jar	None	25g	180
Be STLC 6010	4 oz. jar	<6°C; Add HNO ₃ to pH<2 after extraction	500g	180
Be Total ICP 6010	4 oz. jar	None	25g	180
Be Total ICP 6010	4 oz. jar	None	25g	180

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Analysis	Container	Preservation	Volume Required	Hold (Days)
BOD-SM5210B	1L Poly - Unpres	<6°C	1000ml	2
BTEX 8260	Metal Core	<6°C	4oz	14
Cd STLC 6010	4 oz. jar	<6°C; Add HNO3 to pH<2 after extraction	500ml or 500g	180
Cd Total ICP 6010	4 oz. jar	None	25g	180
Cd Total ICP 6010	4 oz. jar	None	25g	180
Co STLC 6010	4 oz. jar	<6°C; Add HNO3 to pH<2 after extraction	500ml or 500g	180
Co Total ICP 6010	4 oz. jar	None	25g	180
Co Total ICP 6010	4 oz. jar	None	25g	180
Coliform, Fecal High Dilution	250mL Bacti	Dechlorinate, <6°C	250ml	0.34
Coliform, Total High Dilution	250mL Bacti	Dechlorinate, <6°C	250ml	0.34
Cr STLC 6010	4 oz. jar	<6°C; Add HNO3 to pH<2 after extraction	500ml or 500g	180
Cr Total ICP 6010	4 oz. jar	None	25g	180

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Cr Total ICP 6010	4 oz. jar	None	25g	180
Cu STLC 6010	4 oz. jar	<6°C; Add HNO ₃ to pH<2 after extraction	500ml or 500g	180
Cu Total ICP 6010	4 oz. jar	None	25g	180
Cu Total ICP 6010	4 oz. jar	None	25g	180
Cyanide, Total	4 oz. jar	<6°C	50G	14
Dioxin Low Level	4 oz. jar	<6°C	4oz	30
Filtration	*** DEFAULT CONTAINER ***	<6°C	-	180
Fluoride 300.0	8 oz. jar	<6°C	8oz	28
Inhibitory Substance	Other	Store at STP	250 ml	180
Iron Bacteria	1L Amber- Unpres.	<6°C	1L	1
Mo STLC 6010	4 oz. jar	<6°C; Add HNO ₃ to pH<2 after extraction	500ml or 500g	180
Mo Total ICP 6010	4 oz. jar	None	25g	180

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Mo Total ICP 6010	4 oz. jar	None	25g	180
Ni STLC 6010	4 oz. jar	<6°C; Add HNO ₃ to pH<2 after extraction	500ml or 500g	180
Ni Total ICP 6010	4 oz. jar	None	25g	180
Ni Total ICP 6010	4 oz. jar	None	25g	180
Nitrate as N 300.0	500mL Poly Unpres	<6°C	500 ml	28
Nitrate as N 300.0	500mL Poly Unpres	<6°C	500 ml	28
Nitrite as N 300.0	4 oz. jar	<6°C	4oz	28
Nitrite as N 300.0	4 oz. jar	<6°C	4oz	28
Nitrogen, Org Calc	4 oz. jar	<6°C	4oz	28
Nitrogen, Org Calc	4 oz. jar	<6°C	4oz	28
Nitrogen, Total Calc	8 oz. jar	<6°C	8oz	28
Nitrogen, Total Calc	8 oz. jar	<6°C	8oz	28

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O&G (HEM)	8 oz. jar	<6°C	4oz	28
Pb STLC 6010	500mL Poly Unpres	<6°C; Add HNO3 to pH<2 after extraction	500ml or 500g	180
Pb Total ICP 6010	4 oz. jar	None	25g	180
Pb Total ICP 6010	4 oz. jar	None	25g	180
Phenols-420.1	4 oz. jar	<6°C	100 g	28
Sb STLC 6010	4 oz. jar	<6°C; Add HNO3 to pH<2 after extraction	500ml or 500g	180
Sb Total ICP 6010	4 oz. jar	None	25g	180
Sb Total ICP 6010	4 oz. jar	None	25g	180
Se STLC 6010	4 oz. jar	<6°C; Add HNO3 to pH<2 after extraction	500g	180
Se Total ICP 6010	4 oz. jar	None	25g	180
Se Total ICP 6010	4 oz. jar	None	25g	180
Solids, TDS-SM2540C	1L Poly - Unpres	<6°C	500ml	7

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Container Information				
Analysis	Container	Preservation	Volume Required	Hold (Days)
TI STLC 6010	4 oz. jar	<6°C; Add HNO3 to pH<2 after extraction	500ml or 500g	180
TI Total ICP 6010	4 oz. jar	None	25g	180
TI Total ICP 6010	4 oz. jar	None	25g	180
TOC-9060 Soil - Sub Test America	4 oz. jar	<6°C	4 oz	180
Total Kjeldahl Nitrogen	4 oz. jar	<6°C	4oz	180
Total Kjeldahl Nitrogen	4 oz. jar	<6°C	4oz	180
Total Kjeldahl Nitrogen	4 oz. jar	<6°C	4oz	180
Total Sulfide-Sub to Accutest or BSK	4 oz. jar	<6°C	4oz	14
TPH D	Metal Core	<6°C	4oz	14
TPH G	4 oz. jar	<6°C	4oz	14
V STLC 6010	4 oz. jar	<6°C; Add HNO3 to pH<2 after extraction	500ml or 500g	180
V Total ICP 6010	4 oz. jar	None	25g	180

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Analysis	Container	Preservation	Volume Required	Hold (Days)
V Total ICP 6010	4 oz. jar	None	25g	180
Zn STLC 6010	4 oz. jar	<6°C; Add HNO3 to pH<2 after extraction	500ml or 500g	180
Zn Total ICP 6010	4 oz. jar	None	25g	180
Zn Total ICP 6010	4 oz. jar	None	25g	180
Matrix: Other (V)				
8080 Pest/PCB Water	1L Amber- Unpres.	Dechlorinate; <6°C	2 1L	7
8141A OPP	1L Amber- Unpres.	<6°C	2 1L	14
8260B Full List	VOA Vial - HCl	Dechlorinate; HCl to pH<2; <6°C	4 VOA Vials	14
8260B Full List	VOA Vial - HCl	Dechlorinate; HCl to pH<2; <6°C	4 VOA Vials	14
8270 Regular List	1L Amber- Unpres.	<6°C	2 1L Ambers	14
Ag Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Ammonia	Half gallon - poly H2SO4	Add H2SO4 to pH<2; <6°C	1l poly	28

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Ammonia as N	1L Poly - Unpres	Add H2SO4 to pH<2; <6°C	500	28
Ammonia as N	1L Poly - Unpres	Add H2SO4 to pH<2; <6°C	500	28
As Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Ba Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Be Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
BOD-SM5210B	Half gallon - poly	<6°C	1000ml	2
BTEX 8260	VOA Vial - HCl	Dechlorinate; HCl to pH<2; <6°C	4 VOA Vials	14
Cd Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Co Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
COD-SM5220D	500mL Poly H2SO4	Add H2SO4 to pH<2; <6°C	120ml	28
Coliform, Fecal High Dilution	250mL Bacti	Dechlorinate, <6°C	250ml	0.34
Conductivity	500mL Poly Unpres	<6°C	500 ml	28

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Conductivity	500mL Poly Unpres	<6°C	500 ml	28
Cr Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Cu Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Hg Total CVAA 7470	250mL Poly HNO3	Add HNO3 to pH<2	250 ml	28
Inhibitory Substance	Other	Store at STP	250 ml	180
Mo Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Ni Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Nitrate as N 300.0	500mL Poly Unpres	<6°C	500 ml	2
Nitrite as N 300.0	4 oz. jar	<6°C	4oz	28
O&G (HEM)	1L Amber-H2SO4	Add H2SO4 to pH<2; <6°C	2 1L	28
Pb Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
pH Water SM4500	250mL Poly Unpres	<6°C	250ml	0.01

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SAR Calculation	Other	<6°C	1000ml	180
SAR Calculation	Other	<6°C	1000ml	180
Sb Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Se Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Solids, Total-SM2540B	1L Poly - Unpres	<6°C	1000 ml	7
Solids, TSS-SM2540D	Half gallon - poly	<6°C	1000 ml	7
Tl Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Total Kjeldahl Nitrogen	4 oz. jar	<6°C	4oz	28
Total Sulfide-Sub to Accutest or BSK	1L Amber- NaOH/ZnAc	Zinc acetate and NaOH to pH>9; <6°C	1L Amber	7
TPH D	VOA Vial - Unpres	<6°C	3 VOAs	14
V Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180
Zn Total ICP 6010	500mL Poly HNO3	Add HNO3 to pH<2	500ml	180

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Analysis	Container	Preservation	Volume Required	Hold (Days)
Matrix: Air Asbestos-Bulk Standard SUB Asbestos TEM	Plastic Baggie	Store at STP	15g	180