

Red River

Environmental Laboratory and Consulting Company

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COOLER RECEIPT FORM

CUSTOMER _____	LAB #'s _____
Date Received _____	Project _____
Number of Coolers _____	District _____
Date Checked In _____	By (Sign) _____
1. Shipping Bill Number _____	
2. Custody Seals on cooler:	Yes / No
3. Samples were non-radioactive	Yes / No
4. Custody Seals intact	Yes / No
5. Chain of Custody in Plastic	Yes / No
6. Temperature of cooler at receipt less than 4 (+/- 2)C If NO, Actual temperature(s) of cooler(s)	Yes / No
7. Ice and Packing _____	
8. Chain of Custody filled out properly	Yes / No
9. Red River signed Chain of Custody properly	Yes / No
10. All bottles sealed and in separate plastic bags	Yes / No
11. Sample containers intact	Yes / No
12. Label(s) complete (ID, date, time, etc) and in good condition	Yes / No
13. Label(s) agree with Chain of Custody	Yes / No
14. Correct containers used	Yes / No
15. Preserved Properly	Yes / No
16. Sufficient Sample	Yes / No
17. Bubbles absent from VOA	Yes / No
18. Client Called	Yes / No

Comments: _____



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1838 S.W. 13th Street, Oklahoma City, OK 73108
Phone: 405-232-1966 Fax: 405-235-8234

Sampling Guide

Analysis	Method	Container				SOL/Sediment			
		Material	Quantity	Preservative	Volume	Container	Quantity	Preservative	Holding Time
Volatiles									
TPH (TX 1005)	TX 1005	VOA-glass	2 vials	Cool, NaHSO ₄	14 days	4oz glass	50 grams	Cool	14 days
TPH (TX 1006)	TX 1006	VOA-glass	2 vials	Cool, NaHSO ₄	14 days	4oz glass	50 grams	Cool	14 days
BTEX	8021	VOA-glass	2 vials	Cool, HCL	14 days	4oz glass	50 grams	Cool	14 days
BTEX + MTBE	8021	VOA-glass	2 vials	Cool, HCL	14 days	4oz glass	50 grams	Cool	14 days
BTEX + MTBE	8260	VOA-glass	3 vials	Cool, HCL	14 days	4oz glass	50 grams	Cool	14 days
GRO (gasoline)	8015M	VOA-glass	2 vials	Cool, HCL	14 days	4oz glass	50 grams	Cool	14 days
VOCs by GC/MS	824, 8260	VOA-glass	3 vials	Cool, HCL	14 days	4oz glass	50 grams	Cool	14 days
Drinking Water VOC's	504.1 or 524.2	VOA-glass	3 vials	Cool, HCL	14 days	----	----	----	----
Alcohols	8015M	VOA-glass	3 vials	Cool	14 days	4oz glass	50 grams	Cool	14 days
Semi-Volatiles									
Carbamate Pesticides	632	Amber-glass	1 Liter	Cool	7 days	4oz glass	50 grams	Cool	14 days
DRO/ORO (diesel or oil)	8015M	Amber-glass	1 Liter	Cool	7 days	4oz glass	50 grams	Cool	14 days
Herbicides	8151	Amber-glass	1 Liter	Cool	7 days	4oz glass	50 grams	Cool	14 days
PCBs	8082, 608	Amber-glass	1 Liter	Cool	7 days	4oz glass	50 grams	Cool	14 days
Pesticides	8081, 608	Amber-glass	1 Liter	Cool	7 days	4oz glass	50 grams	Cool	14 days
Pesticides & PCBs	8081/8082, 608	Amber-glass	1 Liter	Cool	7 days	4oz glass	50 grams	Cool	14 days
Phenolic Compounds	625, 8270	Amber-glass	1 Liter	Cool	7 days	4oz glass	50 grams	Cool	14 days
Organo-Phos Pesticides	8141	Amber-glass	1 Liter	Cool	7 days	4oz glass	50 grams	Cool	14 days
PAHs	8310, 8270	Amber-glass	1 Liter	Cool	7 days	4oz glass	50 grams	Cool	14 days
SVOCs by GC/MS	625, 8270	Amber-glass	1 Liter	Cool	7 days	4oz glass	50 grams	Cool	14 days
Glycols	8015M	Amber-glass	1 Liter	Cool	7 days	4oz glass	50 grams	Cool	14 days
Metals									
Chromium VI	7196	poly	500mL	Cool	24 hours	4oz glass	50 grams	Cool	28 days
Mercury	245.1, 7470/7471	poly	500mL	Cool, HNO ₃	28 days	4oz glass	50 grams	Cool	28 days
Individual Metals	200, 6000, 7000	poly	500mL	Cool, HNO ₃	6 months	4oz glass	50 grams	Cool	6 months
Inorganics/WET Chemistry									
Acidity	305.1	poly or glass	100mL	Cool	14 days	4oz glass	50 grams	Cool	14 days
Alkalinity	310.1	poly or glass	100mL	Cool	14 days	4oz glass	50 grams	Cool	14 days
Ammonia	350.3	poly or glass	500mL	Cool, H ₂ SO ₄	28 days	4oz glass	50 grams	Cool	28 days
BOD	405.1	poly	1 Liter	Cool	48 hours	----	----	----	----
Bromide	300.0	poly or glass	100mL	Cool	28 days	4oz glass	50 grams	Cool	28 days
Chloride	325.3	poly or glass	100mL	Cool	28 days	4oz glass	50 grams	Cool	28 days
Chlorine	330.3	poly or glass	200mL	Cool	immediately	----	----	----	----
COD	410.4	poly or glass	50mL	Cool, H ₂ SO ₄	28 days	----	----	----	----
Coliform	Colilert, Hach 8368	poly sterile	100mL	Cool, Na ₂ S ₂ O ₃	immediately	4oz glass	50 grams	Cool	immediately
Color	110.2	poly or glass	500mL	Cool	48 hours	----	----	----	----
Cyanide (Reactive)	SW 7.3.3.2	poly or glass	500mL	Cool	14 days	4oz glass	50 grams	Cool	14 days
Cyanide (Total)	335.2	poly or glass	500mL	Cool, NaOH	14 days	4oz glass	50 grams	Cool	14 days
Disso ^l	360.1	poly or glass	100mL	Cool	immediately	----	----	----	----
Fla	1010/1030	glass	100mL	Cool	n/a	4oz glass	50 grams	Cool	n/a



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Analysis	Method	Sample				Preservation		Container		Holding Time
		Container	Volume	Temperature	Preservative	Material	Quantity	Preservative		
Inorganics/WET Chemistry										
Fluoride	340.2	poly or glass	500mL	Cool	28 days	4oz glass	50 grams	Cool	28 days	
Hardness	130.2/6010	poly or glass	500mL	Cool, HNO3	6 months	---	---	---	---	
Heterotrophic Plate Count	SM 9215	poly sterile	100mL	Cool, Na2S2O3	Immediately	4oz glass	50 grams	Cool	immediately	
Ignitability	1010	glass	100mL	Cool	n/a	4oz glass	50 grams	Cool	n/a	
MBAS (Surfactants)	425.1	poly or glass	1 Liter	Cool	48 hours	---	---	---	---	
Nitrate/Nitrite	353.3	poly or glass	500mL	Cool, H2SO4	28 days	4oz glass	50 grams	Cool	28 days	
Nitrate	SM4500-NO3-D	poly or glass	500mL	Cool	48 hours	4oz glass	50 grams	Cool	2 days	
Nitrite	354.1	poly or glass	500mL	Cool	48 hours	4oz glass	50 grams	Cool	2 days	
Color	140.1	Amber-glass	500mL	Cool	24 hours	---	---	---	---	
Oil and Grease	413.1	Amber-glass	1 Liter	Cool, H2SO4	28 days	---	---	---	---	
Oil and Grease	413.2	Amber-glass	250mL	Cool, H2SO4	28 days	4oz glass	50 grams	Cool	28 days	
Paint Filter	9095	poly or glass	---	---	---	4oz glass	50 grams	Cool	n/a	
pH	150.1, 8045	poly or glass	100mL	none	immediately	4oz glass	50 grams	Cool	immediately	
Phenols (Total)	420.1	Amber-glass	500mL	Cool, H2SO4	28 days	4oz glass	50 grams	Cool	28 days	
Phosphate	365.2	Amber-glass	100mL	Cool	48 hours	4oz glass	50 grams	Cool	48 hours	
Phosphorus	365.2	poly or glass	100mL	Cool, H2SO4	28 days	4oz glass	50 grams	Cool	28 days	
Settleable Solids	160.5	poly or glass	1 Liter	Cool	immediately	---	---	---	---	
Specific Conductance	120.1	Amber-glass	500mL	Cool	48 hours	4oz glass	50 grams	Cool	28 days	
Sulfate	9038/375.4	poly or glass	500 mL	Cool	28 days	4oz glass	50 grams	Cool	28 days	
Sulfide	9030/376.1	poly or glass	500 mL	Cool, NaOH+Zn	7 days	4oz glass	50 grams	Cool	7 days	
Sulfide, Reactive	SW 7.3.4.2	poly or glass	500 mL	Cool	7 days	4oz glass	50 grams	Cool	7 days	
Sulfite	377.1	poly or glass	100 mL	Cool	immediately	4oz glass	50 grams	Cool	immediately	
TDS (dissolved solids)	160.1	poly or glass	500 mL	Cool	7 days	---	---	---	---	
TKN	351.4	poly or glass	500 mL	Cool, H2SO4	28 days	4oz glass	50 grams	Cool	28 days	
TOC	415.1, 9060	VOA-glass	2 vials	Cool, HCL	28 days	4oz glass	50 grams	Cool	28 days	
TOX	9020	Amber-glass	500 mL	Cool	28 days	4oz glass	50 grams	Cool	28 days	
TRPH	418.1	Amber-glass	250 mL	Cool, H2SO4	28 days	4oz glass	50 grams	Cool	28 days	
TS (total solids)	160.3	poly or glass	500 mL	Cool	7 days	4oz glass	50 grams	Cool	7 days	
TSS (suspended solids)	160.2	poly or glass	500 mL	Cool	7 days	---	---	---	---	
Turbidity	180.1	poly or glass	100mL	Cool	48 hours	---	---	---	---	
TVS (volatile solids)	160.4	poly or glass	500mL	Cool	7 days	---	---	---	---	
TCLP/SPLP										
TCLP/SPLP Volatile	1311/1312/8260	VOA-glass	100mL	Cool	7 days	8oz glass	50 grams	none	14 days	
TCLP/SPLP Semivolatile	1311/1312/8270	Amber-glass	1000ml	Cool	7 days	8oz glass	50 grams	none	14 days	
TCLP/SPLP Pesticides	1311/1312/8081	Amber-glass	1000mL	Cool	7 days	8oz glass	50 grams	none	14 days	
TCLP/SPLP Herbicides	1311/1312/8151	Amber-glass	1000mL	Cool	7 days	8oz glass	50 grams	none	14 days	
TCLP/SPLP Metals	1311/1312/6010/7470	poly or glass	500mL	Cool	28 days	8oz glass	50 grams	none	28 days	

Please contact Star Analytical to arrange for pre-cleaned and pre-preserved sample bottles. For additional information visit our web site at www.staranalytical.com.