

SUMMARY OF ANALYTICAL RESULTS

T486

The Action Levels listed reflect current STL Edison knowledge of the standards and are intended as general guidance for the user. Please consult appropriate regulations and cleanup standards for your specific application.

Sample ID	Main Discharge	South Projection
Lab Sample Number	331580	331591
Sampling Date	02/08/02	02/08/02
Matrix	WATER	WATER
Dilution Factor	1.0	1.0
Units	ug/L	ug/L
VOLATILE COMPOUNDS (GC/MS)		
Benzene	0.2	1.8
Tetrachloroethane	5.4	0.5
Toluene	0.8	16
Ethylbenzene	0.3	4.8
Xylene (Total)	1.9	21
MTBE	6.6	120
Total Confident Conc. VOAs (s)	15	154
Total Estimated Conc. VOA TICs (s)	NA	NA

Qualifiers

- U - The compound was not detected at the indicated concentration
- J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantization limit but greater than zero. The concentration given is an approximate value
- B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
- NR - Not analyzed.

Checked By: _____
 OK
 Make Corrections

003

MORETRENCH AMERICAN

02/19/2002 09:32 FAX 973 627 3950

CITY_21MC100_007210210

02/15/02 17:29 FAX 732 549 3879

STL EDISON

002

SUMMARY OF ANALYTICAL RESULTS

T486

02/15/02 17:29 FAX 732 549 3678

STL EDISON

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004

MORETRENCH AMERICAN

02/19/2002 09:32 FAX 973 627 3950

CITY_21MC100_007210211

Sample ID	Main_Discharge	South_Projection
Lab Sample Number	331590	331591
Sampling Date	02/08/02	02/08/02
Matrix	WATER	WATER
Dilution Factor	1.0	1.0
Units	ug/L	ug/L
SEMIVOLATILE COMPOUNDS (GC/MS)		
Naphthalene	1.2	2.8
Total Confident Conc. BNAs (s)	1.2	2.8
Total Estimated Conc. BNA TICs (s)	NA	NA

Qualifiers

- U - The compound was not detected at the indicated concentration.
- J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.
- B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
- NR - Not analyzed

Checked By _____

☐ CK

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SUMMARY OF ANALYTICAL RESULTS

T486

02/15/02 17:29 FAX 732 549 3679

STL EDISON

004

005

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02/19/2002 09:32 FAX 973 627 3950

CITY_21MC100_007210212

Sample ID	Main_Discharge	South_Projection
Lab Sample Number	331590	331591
Sampling Date	02/08/02	02/08/02
Matrix	WATER	WATER
Dilution Factor	1.0	1.0
Units	ug/L	ug/L
PESTICIDES/PCBs		
Aroclor-1016	0.20 U	0.20 U
Aroclor-1221	0.20 U	0.20 U
Aroclor-1232	0.30 U	0.30 U
Aroclor-1242	0.20 U	0.20 U
Aroclor-1248	0.20 U	0.20 U
Aroclor-1254	0.40 U	0.40 U
Aroclor-1260	0.50 U	0.50 U
Aroclor-1262	0.20 U	0.20 U
Aroclor-1268	0.20 U	0.20 U

Qualifiers

- U - The compound was not detected at the indicated concentration.
- J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.
- B - The analyte was found in the laboratory blanks well as the sample. This indicates possible laboratory contamination of the environmental sample.
- P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.
- * - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.
- NR - Not analyzed.

Checked By: _____

- ☒ OK
- ☐ Make Corrections

SUMMARY OF ANALYTICAL RESULTS

T486

Sample ID	Main_Discharge	South_Projection
Lab Sample Number	331590	331591
Sampling Date	02/08/02	02/08/02
Matrix	WATER	WATER
Dilution Factor	NA	NA
Units	ug/l	ug/l
METALS		
Cadmium	0.40 U	3.0
Chromium	2.8 U	38.1
Copper	33.3	281
Lead	32.8	455
Mercury	0.10 U	0.45
Nickel	10.8	31.5
Zinc	181	1980

Qualifiers

- U - The compound was not detected at the indicated concentration.
- B - Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.
- N - The spiked sample recovery is not within control limits
- NR - Not analyzed

Checked By: _____

- ☐ OK
- ☐ Make Corrections

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MORETRENCH AMERICAN

02/19/2002 09:32 FAX 973 627 3950

CITY_21MC100_007210213

02/15/02 17:30 FAX 732 549 3679

STL EDISON

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SUMMARY OF ANALYTICAL RESULTS

T486

02/15/02 17:30 FAX 732 549 3879

STL EDISON

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MORETRENCH AMERICAN

02/19/2002 09:33 FAX 973 627 3950

CITY_21MC100_007210214

Sample ID Lab Sample Number Sampling Date Matrix Dilution Factor - NA Units - See Parameter	Main_Discharge 331590 02/08/02 WATER	South_Projection 331591 02/08/02 WATER
WET CHEMISTRY Ignitability - deg F pH - std unit Total Petroleum Hydrocarbons (418.1) Total Suspended Solids - mg/l	 >160 7.11 1.0 U 10.0	 >160 6.62 1.0 U 621

Qualifiers

- U - The compound was not detected at the indicated concentration.
- NR - Not analyzed.

Checked By: _____

OK
Make Corrections