

March 1, 1994

Mr. Paul R. Counterman, P.E.
Director, Bureau of Hazardous Waste Facility Management
Division of Hazardous Substances Regulation
New York State Department of Environmental Conservation
50 Wolf Road
Albany, New York 12233

Re: Transmittal of Sewer Systems Evaluation Report
IBM, Kingston, New York
USEPA ID Number NYD001359694

Dear Mr. Counterman:

The purpose of this letter is to transmit the referenced report which presents the results of sewer system evaluations performed at the IBM Kingston Facility. These evaluations were performed in accordance with the work scope description in Section 4.1.1 of the "RCRA Facility Investigation Scope of Work" dated July 30, 1993 and submitted to NYSDEC on August 2, 1993.

After reviewing this report, should you have questions or comments please direct them to me at the above address or you may reach me by phone at (914) 433-9395.

Sincerely,

Handwritten signature of Robert J. Newhard in cursive script, with the initials 'RAN' written at the end.

Robert J. Newhard, P.E.
Environmental Engineer

Enclosure

cc: Rod Aldrich (w/enclosure)
James Reidy (w/enclosure)
Steve Kaminski (w/o enclosure)
Victor Valaitis (w/o enclosure)
Gary Casper (w/o enclosure)
Jim Yuchniewicz (w/o enclosure)



SEWER SYSTEMS ASSESSMENT REPORT

Prepared for:

**IBM Mid-Hudson Valley
Poughkeepsie, New York**

March 1, 1994

Prepared by:

**Groundwater Sciences Corporation
2601 Market Place Street, Suite 310
Harrisburg, Pennsylvania 17110**

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1 INTRODUCTION

This section presents site background information with respect to the current conditions at the site regarding topography, geology, hydrogeology, and the distribution of hazardous constituents in environmental media. Corrective actions to date, including the installation of a Groundwater Collection System (GWCS) (interceptor trench), a groundwater withdrawal well, IW sewer upgrades, and removal of underground storage tanks (USTs) are also discussed. This section also discusses the purpose of this report and presents the organization of the remainder of the report.

1.1 Purpose

The purpose of this report is to evaluate the potential for releases from those sewer systems and underground piping systems which previously handled or currently handle hazardous waste or liquid wastes containing hazardous constituents. This report presents the results of the storm, industrial waste (IW), and sanitary sewer systems assessment identified as ongoing in the July 30, 1993 "Corrective Actions for Solid Waste Management Units, RCRA Facility Investigation, Scope of Work" report (RFI SOW) previously submitted to NYSDEC. RFI SOW Sections 2.3.1.4, 3.1.3, and 4.1.1 address various elements of the sewer system assessment.

1.2 Report Organization

The remainder of the introduction, Subsection 1.3, Facility Background, addresses current site conditions by discussing the geology, hydrogeology, solid waste management units (SWMUs), occurrence of chemicals in the subsurface, and previous corrective action measures at the site. This background information provides the context in which the site sewer systems can be discussed. Section 2 presents evaluations of the storm sewers, IW sewers, and sanitary sewers. Section 3 presents conclusions regarding releases or potential releases from the sewer systems and Section 4 presents recommendations for additional activities.

1.3 Facility Background

The IBM Kingston facility is located approximately four miles north of the City of Kingston in the Town of Ulster, Ulster County, New York (Figure 1-1). The site consists of two parcels separated by Neighborhood Road (Plate 1) with areas of approximately 138 acres for the eastern parcel and 120 acres for the western parcel. The site (both parcels) is bounded to the east by properties along the west side of State Route 9W, to the north by Old Neighborhood Road, to the northwest and southwest by Esopus Creek, to the west by private property, and to the south by private property and Boice Lane. IBM also owns a 0.866 acre parcel between Old Neighborhood Road and U.S. Route 209 (Plate 1).

1.3.1 Regional Setting

The site is located in the western portion of the Hudson-Mohawk Lowland Physiographic Province. Bedrock beneath roughly the western two-thirds of the site consists of Hamilton Group fine clastic units of Middle Devonian Age (Fisher, D.W., et. al., 1970, Geologic Map of New York, New York State Museum and Science Service, Map and Chart Series No. 15). The eastern third of the site is underlain by the Onondaga Limestone. These bedrock units are overlain by up to tens of feet of unconsolidated sediments resulting primarily from Wisconsinan glaciation. According to Cadwell (Cadwell, D.H., 1989, Surficial Geologic Map of New York, New York State Museum-Geological Survey, Map and Chart Series No. 40), these unconsolidated units consist of:

1. Recent deposits associated with Esopus Creek and described as non-calcareous fine sand to gravel;
2. Lacustrine silt and clay, adjacent to valley alluvial deposits described as laminated silt and clay deposited in pro-glacial lakes, which is generally calcareous;
3. Lacustrine sand above lacustrine silt and clay, described as a near-shore or near-sand-source deposits of well-sorted (poorly graded), stratified, generally quartz sand.

In addition to these units, an ice contact deposit and a till deposit occur in places beneath the lacustrine deposits and directly on top of bedrock. Both units occur discontinuously in depressions in the bedrock surface and usually achieve thicknesses of less than 20 feet. There are no site sewer systems located in these deeper site units.

The principal surface water stream in the area of the site is Esopus Creek, which flows northward and empties into the Hudson River a few miles north of the site. Drainage across the site and in the area surrounding the site is generally westward toward Esopus Creek. As shown on Plate 1, there are two tributary streams on the site which drain into Esopus Creek in the northwest corner of the site. The northernmost of these two streams has as its two principle tributaries the discharge from a 60-inch storm drain which drains the northeastern portion of the site, and a stream which enters the site from the north. The southernmost of these two streams receives drainage from three storm drains which generally serve all areas of the developed portion of the site.

1.3.2 Site Description

The following sections discuss site topography, geology, and hydrogeology.

1.3.2.1 Topography

The surface of the site slopes generally westward toward Esopus Creek. Elevations range from approximately 180 feet above mean sea level (amsl) in the eastern portion of the site, to 175 feet amsl in the vicinity of Neighborhood Road, down to approximately 135 feet amsl along the eastern bank of Esopus Creek. The site is generally flat with the only significant break in topography occurring along the western edge of the property where the land surface drops into the Esopus Creek valley.

1.3.2.2 Geology

The following discussion of site geology is based on both literature sources (primarily Fisher and others (1970) and Cadwell and others (1989)) and numerous borings drilled on site. As shown on Plate 1, there have been approximately 125 borings drilled on this site which have been completed as monitoring wells. Of these borings, 14 were drilled to bedrock and 6 were completed as monitoring wells in the bedrock. As will be discussed in Section 2, 25 of these wells were installed in 1993 as part of this assessment.

1.3.2.2.1 Bedrock Geology

As shown in Fisher and others (1970), the eastern portion of the site is underlain by the Onondaga Limestone, and the western portion of the site is underlain by the Lower Hamilton Group.

Clastic bedrock of the Hamilton Group was encountered in the vicinity of Neighborhood Road, and in the area between Neighborhood Road and Esopus Creek. Well logs describe this unit as dark gray siltstone interbedded with shale and very fine-grained sandstone. This unit is described as both massive and as horizontally bedded.

The Hamilton Group bedrock forms a north-northwest trending buried ridge which subcrops beneath Neighborhood Road near Building 202 (B202) and is covered by only a veneer of fill at this location. As will be discussed in later sections, site sewer systems cut through this relatively impermeable bedrock ridge in an east-west direction.

1.3.2.2.2 Soils

The bedrock beneath the site is overlain in various areas by till, varved silt and clay, a sand and gravel unit, and a sand unit that generally occurs above the varved silt and clay. The varved clay

and silt unit directly overlies the bedrock in the central and northwestern portions of the site, and overlies the till and sand and gravel noted above where they are present above the bedrock. Cadwell and others (1989) assigned a lacustrine (lake) origin to the varved silt and clay unit and described it as generally laminated silt and clay with a variable thickness of up to 330 feet. Its thickness beneath the site and presence everywhere across the site (except in a small area on top of the bedrock high beneath Neighborhood Road) support this interpretation of a lacustrine origin. Site well logs describe this unit generally as a gray-pink, varved silt and clay.

In a very general sense, the surface of the silt and clay unit conforms to the bedrock surface in that it is highest beneath the eastern portion of the site and over the buried bedrock ridge beneath the central portion of the site and lowest beneath the area between Neighborhood Road and the eastern property line and in the area near Esopus Creek.

The unit overlying the silt and clay (and shallow bedrock in the small area where the silt and clay is not present) consists primarily of sand. It is this uppermost unit in which most of the site sewer systems are located. Cadwell and others (1989) interpret this unit on a regional scale as lacustrine sand deposits associated with large bodies of water. He indicates that this unit is generally a well sorted (poorly graded), stratified, generally coarse sand with a thickness ranging from approximately 6 to 65 feet. This unit is generally described in site well logs as a clean (i.e., relatively few fines) brown sand, ranging from fine- to coarse-grained. Locally across the site, this unit is overlain by a veneer of fill typically described as a fine to medium, clean or silty sand. This lacustrine sand unit is present across most of the site except in the topographically low areas in the extreme northwestern portion of the site, where the sandy material present is likely of more recent alluvial origin, associated with Esopus Creek.

1.3.2.3 Hydrogeology

The principal hydrogeologic units beneath the site correspond to the principal geologic units. The aquifers consist of the bedrock, the deep sand and gravel unit in the southwestern portion of the site, and the shallow sand unit (and fill). A single aquitard beneath the site consists of the varved silt and clay.

1.3.2.3.1 Aquifer Identification and Characteristics

While the bedrock aquifer and sand and gravel aquifer lie below the varved silt and clay unit under confined conditions, the shallow sand aquifer present on site exists under water table conditions above the varved silt and clay. As shown on Table 1-1, hydraulic conductivity, as determined by pulse tests, ranges from 65 to 271 feet per day (ft/day) in the shallow sand aquifer (median: 120 ft/day).

**Table 1-1
1993 Pulse Test Results**

Well Number	Permeability (k) (ft/day)
MW-161S	271
MW-162S	84
MW-163S	102
MW-164S	130
MW-165S	120
MW-166S	170
MW-167S	101
MW-168S	65
MW-169S	160

1.3.2.3.2 Aquitard Identification and Characteristics

The principal aquitard beneath the site consists of the varved silt and clay unit, and where the till is present, the combined varved silt, clay and till unit. As noted previously, the silt and clay unit is present everywhere beneath the site except for a small area beneath Neighborhood Road. The bulk horizontal hydraulic conductivity of the varved silt and clay unit was determined by Dames & Moore (D&M) in the March 1981 "Summary Report" to be 1 ft/day in MW-2S. The data used in making this determination were not presented in the D&M Summary Report and so this value cannot be confirmed. Based on values presented in Freeze and Cherry, 1979, for silt units, this value seems relatively high. The vertical hydraulic conductivity can be assumed to be significantly lower than this determination of 1 ft/day due to the strong horizontal lamination of this varved unit.

1.3.2.3.3 Groundwater Flow

The shallow sand aquifer is the hydrogeologic unit potentially impacted by the sewer systems and in which hazardous constituents have been detected, as will be discussed in Section 1.5. Both horizontal groundwater flow (within the aquifer) and vertical groundwater flow (between the shallow sand aquifer and deeper aquifers) will be addressed.

Plate 2 is a shallow sand water table contour map which shows the configuration of the water table on January 25, 1994. The data used to construct this map are posted on the map.

As shown on Plate 2, the general direction of groundwater flow is westward. One striking feature shown on this plate is a relatively large area where perennially saturated conditions do not exist in the shallow sand aquifer. This area of generally unsaturated shallow sand, located in the central and southwestern portion of the site, is generally coincident with the highest elevations of the top of the varved silt and clay unit and the bedrock ridge. The boundaries of the area where saturated shallow

sand is absent were established by reviewing the logs for wells located within this area, cross-contouring the water table elevations with the top of the varved silt and clay unit, and determining the area where the water table contours are lower than the top of varved silt and clay unit contours. A second smaller area where there is no saturated sand is shown in the northeast corner of the site.

Another major feature of groundwater flow conditions beneath the site is the east-west trending groundwater divide found at a location more-or-less coincident with the center of the main site buildings (Building 001 (B001) through Building 005 (B005)). Groundwater to the south of the divide flows generally westward, then southwest in the vicinity of Neighborhood Road. Groundwater flow to the north of the divide flows generally westward and then northwestward around the northern end of the area in which the saturated sand unit is absent.

Also shown on Plate 2 is the location of buried storm sewers that extend below the water table. Sanitary sewers and IW (or process) sewers generally are located above the water table except where these utilities cross Neighborhood Road near B202. The storm sewer system has a significant influence on groundwater flow. A "valley" in the water table located along the north central portion of the site is caused by a 60-inch storm drain which runs through the center of this "valley" and acts as a groundwater collector. The 42-inch sewer system also acts as a groundwater collector as shown by the "valley" groundwater elevation contours on Plate 2.

In 1985, long-term corrective action groundwater collection and withdrawal was started at the GWCS. The location of the GWCS is shown on Plate 2. This interceptor trench extends downward from the surface and is keyed into the top of the varved silt and clay unit such that it intercepts the entire saturated thickness of the shallow sand aquifer. An average of approximately 30 gallons per minute (gpm) are pumped continuously from this unit and have the effect of locally steepening

gradients adjacent to the trench and eliminating a significant source of recharge for the area previously downgradient (i.e., to the west and northwest) from the GWCS. As discussed in detail in the RFI SOW, this reduction in recharge to the area downgradient from the GWCS has had the effect of expanding the area over which there is no perennially saturated shallow sand aquifer. When compared to conditions in 1982, this unsaturated area extends farther northward, perhaps as far as the northern site boundary. The shallow sand aquifer at the Industrial Waste Treatment Facility (IWTF) and the Industrial Waste Sludge Lagoon (IWSL) was, as a result of this loss of recharge, separated from the main portion of the sand aquifer. The IWTF area, which until the start up of the GWCS in mid-1985 appears to have received a significant amount of recharge from the North Parking Lot Area, no longer receives a substantial portion of this recharge as a result of diversion by the GWCS. However, as discussed in Section 2, sewers which flow by gravity from the North Parking Lot Area to the area of the IWTF are conveying some impacted groundwater through what would otherwise be a barrier to groundwater flow.

Figure 1-2 shows the thickness of the approximate saturated portion of the shallow sand aquifer beneath the site. This map was constructed by cross-contouring the water table with the top of the silt and clay unit. This approximate thickness contour map indicates that the saturated thickness of the sand aquifer varies from 0 to greater than 25 feet. This variability is largely a function of relief on top of the silt and clay unit rather than relief on the water table surface.

Darcy groundwater flow rate is equal to the product of the hydraulic conductivity and gradient divided by the effective porosity. The water table gradient is relatively high in the eastern portion of the site and in the area around the GWCS. The gradient is relatively low in the south central portion of the site. The higher gradient has a value of approximately 0.005 and the lower gradient a value of approximately 0.002. A typical porosity for sand aquifers is approximately 30%. Therefore, based on the median hydraulic conductivity of this unit (120 ft/day), the horizontal flow

rate within the shallow sand unit would be approximately 0.8 ft/day in the area of low gradients (i.e., the south central portion of the site) and approximately 2 ft/day in areas of steeper gradients (i.e., the eastern portion of the site and in the vicinity of the GWCS).

1.3.3 History of Hazardous Waste Management

The following subsections present a discussion of chemical use and associated waste management activities at the Kingston site dating from the initiation of manufacturing operations at this site in 1955. This discussion is organized by building. Centralized chemical and chemical waste storage has been performed at three facilities: Building 036 (B036) Annex from 1968 to 1981, Building 058 (B058) from 1970 to 1981, and Building 029 (B029) from 1981 to the present. Additionally, the IWTF and related IW sewer system have served the site since operations began, with various upgrades to both the plant and the sewers occurring over the years. Unless otherwise stated, it is assumed that concentrated wastes from operations described in the following subsections were handled and stored in buildings B036, B058, or B029 and dilute process wastewaters were conveyed via IW sewers to the IWTF for treatment. Operations in these three buildings is discussed more fully in Section 1.4. Detailed plans of areas described in the following subsections are presented on Plates 4 through 9.

1.3.3.1 Building 001

From 1955 to 1964 B001 was used to manufacture printed circuit cards and for other manufacturing activities, including metal plating for IBM's Military Products Division. As shown on Plate 7, 1,1,1-trichloroethane (TCA) was used in B001. Waste and supply steel USTs (4,000-gallon and 1,000-gallon respectively) were located outside B001 between B001 and Building 023 (B023). The TCA handled by these two tanks was pumped both northward and southward in the building. The TCA pumped northward was used to supply a day tank with an approximate capacity of 150

gallons. B001 housed an operation known as the "Carousel." The "Carousel" was operated from the mid-1950s through 1967 when it was moved to the then new Building 005 South (B005 South). The "Carousel" has been described as a series of solvent-filled dip tanks used to clean parts associated with the manufacture of circuit boards. In addition to this northern VOC-using operation, building plans show that Vythene (TCA) supply and waste were also pumped to and from a southward area. This southern B001 TCA use may have been to supply a tank identified as a stripping tank in the metal plating area located in the western portion of B001 adjacent to the southeast corner of Building 002 (B002). As shown on Plates 7 and 9, metal plating and painting operations were conducted in the west-central portion of B001.

1.3.3.2 Building 031

Building plans and records indicate that from 1954 to 1958 the boiler house (Building 031 (B031)) used a lagoon for handling boiler blowdown and cooling tower water (Plate 8). The lagoon functioned as a holding basin and the liquid would evaporate and/or infiltrate. Chemicals reportedly associated with the boiler house, but not known to have been discharged to the lagoon, included caustics, oil, paint, solvents, biocides, CFC11, CFC22 and CFC114. According to building plans, the lagoon was drained and backfilled circa 1958. In the time period 1958 to 1972, the lagoon's function was replaced by a subsurface separator with the discharge going to storm sewers. In the subsequent period from 1972 to 1983 the boiler house discharge was tied into the original subsurface IW sewers in B005.

After 1983 the discharge from B031 was pumped to a large utility vault south of B005 from which it was pumped underground into B005 and then overhead to the northwest corner of B001 via Building 004 (B004), Building 003 (B003) and B002. In the northwest corner of B001 this discharge passed into the underground IW sewer system (Plate 7).

1.3.3.3 Building 005

B005 South was constructed in 1966 and housed a manufacturing process referred to as the "Carousel". This process had previously been located in B001. A series of degreaser dip tanks was used to clean flux from memory banks. A solvent used in these degreasers was Vythene (TCA). The process used two fiberglass USTs; one was a 1,500-gallon waste tank and one was a 4,000-gallon supply tank. The tanks were placed in the ground in January or February 1967. The use of this area for degreasing operations continued to 1971. These tanks were closed by removal in 1982.

Also in B005 South from 1969 to 1976, a gas panel development line was operated by a small group of engineers. Chemical use and chemical disposal associated with this operation are unknown.

From 1976 to 1977, a gas panel pre-production line was also operated in B005 South. The chemicals reportedly associated with this line included MEK, CFC113, photoresist, cellosolve, UTZ N-230 (a combination of methylene chloride (DCM), trichloroethylene (TCE) and toluene), tetrachloroethylene (PCE), isopropyl alcohol (IPA), acetone, copper, and chromium. In 1981, a portion of the system test area was converted to a gas panel manufacturing facility. Chemicals used in this process reportedly included acetone, IPA, PCE, UTZ N-230, sodium hydroxide, potassium permanganate, and high-lead glass paste.

Subsequently from 1978 to 1987, B005 South was used for gas panel manufacturing. The chemicals used included sodium hydroxide, copper sulfate, AZ thinner, ammonium persulfate, oxylic acid, neon-argon, magnesium oxide, PCE, hydrofluoric acid, photoresist, trisodium phosphate, and 15% perchloric acid. The dielectric glass paste used in this process included, among other things, DCM, toluene, and TCE.

The gas panel pre-production line and the gas panel manufacturing operation were supported by supply and waste acetone and IPA tanks located adjacent to the southwest corner of B005 South and to the east of B005 South. These tanks were closed in the late 1980s.

Finally, from 1987 to 1991, 10,000 square feet of manufacturing area in B005 South was dedicated to the development of chloroform (TCM) technology. The chemicals used in this development process included sodium persulfate, sodium phosphate, tribasic sulfuric acid, potassium permanganate, photoresist, thiourea, nickel, PCE, IPA, and cellosolve acetate.

1.3.3.4 Building 004

Between 1955 and 1957, Building 004 (B004) was used by the electric typewriter division. Operations included bar assembly, machining, heat treat, mechanical finishing, and plating (Plate 6). Chemicals reportedly used in this operation were oils, grease, solvents, caustics, and acids. Since 1966 the building has been dedicated to the development of printed circuit cards, computer testing and offices. Processes included etching, soldering, and plating. Chemicals reportedly used in these operations included sodium hydroxide, sulfuric acid, potassium hydroxide, ammonium persulfate, oil, photoresist, buffer solutions, acetylene, and muriatic acid.

Original plans for this building show a subsurface concrete tank located to the north of B004 with a steel plate top and with internal baffles. This tank collected waste from the former painting area in B004 and discharged to the IW piping beneath B003 (Plates 7 and 9). Original plans in the painting area show flash basins and so it appears that the acid/alkali rinse system in this area was designed to accept volatile paint wastes. There is no steel plate at the surface where this tank is shown to be on plans and so it appears to have been removed.

1.3.3.5 Building 035

Building 035 (B035) (Plate 7) was constructed in 1954 and operated through 1991. Several years after it was constructed a dry well was installed. This building, at one time, housed the forklift repair operation. Discharge from forklift steam cleaning associated with the maintenance activities in this building was reportedly discharged to the dry well located to the west of the central portion of the building. The dry well was reportedly used at least in the 1970s and 1980s. It may have had an associated drain field. It appears to have been closed by removal when the maintenance activities were contracted to vendors. Attempts to locate the dry well with a backhoe several years ago were unsuccessful. Additional uses of this building included maintenance operations, material handling and housing of electrical equipment. Chemicals used included oils, grease, paint, solvents, and sulfuric acid.

1.3.3.6 Building 201

Building 201 (B201) (Plate 4) housed development laboratories from 1958 to 1993 when the labs were removed. Chemicals used in these laboratory operations included acids, caustics, gases, and solvents.

1.3.3.7 Building 042

Building 042 (B042) (Plate 7) was constructed in 1965. Since that time, this building has housed several different operations, including machine shop and electrical assembly, records retention, deionized (DI) water operations, manufacturing and test support functions, and laboratory uses. From 1980 to 1982 a section of B042 was converted to an integrated circuit laboratory for the development of computer chips. The lab was removed from the building in 1982. Chemicals reported to have been used included caustics, acids, solvents, doping gases, sodium hydroxide, hydrochloric acid, oils, grease, and paint.

1.3.3.8 Building 052

From 1987 to 1991 a wash station was operated in Building 052 (B052) (Plate 6) to clean computer frames. Chemical use associated with this wash station included sulfuric acid, IPA, ink, grease, paint, and sealants.

1.3.3.9 Building 003

From 1955 to 1957 the west side of B003 housed the electric typewriter division operations including final assembly, metal finishing, cam molding, and parts machining. From 1955 to 1964, the east side of B003 housed electric typewriter division operations including raw material, final assembly, rivet, weld, and product engineering. Also, the maintenance department was located in this section of B003 until 1964. Chemicals used in these operations included oils, grease, solvents, and paints.

Waste machine oil generated by the manufacture of typewriter parts was conveyed via the fourth, or spare, IW line northward out of B003 to a 1,000-gallon steel UST (Plate 7). This UST is shown on the original building plans and was closed by removal circa 1980.

1.3.3.10 Building 005 North

Building 005 North (B005 North) was constructed in 1984 (Plate 7). From 1986 to 1990, B005 North was occupied by card test and card rework operations. Chemicals used in association with these operations included oil, IPA, tin-lead solder, Freon®113, and flux.

1.3.3.11 Building 033

Building 033 (B033) (Plates 7 and 8) was built in 1955. The southwest corner of this building contained a two-bay garage for the site ambulance and fire truck. A degreaser was apparently used in this area from 1955 through 1964. In the early history of this building it was served by a septic tank and septic field now located beneath Building 051 (B051).

1.4 Chemical Occurrence

The principal compounds of concern at the site are volatile organic compounds (VOCs). These compounds are found in site soil, soil gas, storm water, groundwater, and surface water.

1.4.1 Soil Gas Chemistry

As documented in D&M reports dated October 18, 1989 and September 23, 1992, two soil gas surveys have been performed at the site. Both of these surveys were conducted in the vicinity of B005 South to evaluate soil gas impacts to the subsurface resulting from suspected releases at the former virgin PCE supply tank located at the southeast corner of B005 South. The highest concentrations of PCE found in soil gas were beneath the location of the former PCE tank. Concentrations of up to 2,810 parts per million (ppm) were reported in this area. TCE was also detected at concentrations that were approximately one order of magnitude lower than PCE concentrations.

This 1992 soil gas survey also presents results for an unknown VOC which was detected near the southwestern corner of B005. It is not clear whether this unknown is related to transformation products of TCE or PCE or to the IPA and acetone tanks, which were also located near the southern portion of B005 South.

1.4.2 Soil Chemistry

Extensive soil sampling has been carried out in the IWSL area, and limited soil sampling has been conducted over the remainder of the site. The remainder of this subsection discusses soil sampling results in areas other than the IWSL and recent soil sampling in the former B058 location.

Historical soil sampling at this site consists of split spoon samples collected during the installation of the MW-200-series monitoring wells in 1981; soil samples collected from the 700-series borings installed in the vicinity of former B058 in the early 1980s; and analysis of soil collected during the removal of the PCE tanks in the B005 area.

Soil sampling results from the 200-series monitoring wells are presented on Table 18 of Appendix B of the D&M March 1981 report. This table indicates that TCA and chloroform were detected in MW-101S and that phenols were detected in MW-101S, MW-202S, MW-203S, MW-204S, and MW-212S. These wells were installed in September 1980. The text of this report indicates that "no unusual levels of inorganic constituents were detected in the soil [leachate tests] or in the groundwater." No other inorganic data or discussion is presented.

The text of the D&M July 1984 "Condensed Summary Report No. 2" indicates that soil in the vicinity of former B058 "appears to be contaminated in trace concentrations with 14 purgeable, volatile organic compounds." According to Table B2 in Appendix B of the July 1984 "Condensed Summary Report No. 2," total phenols were not detected in any of the 700-series borings. Total petroleum hydrocarbons (TPH) were detected in these borings at concentrations ranging from 0.8 to 2.6 ppm. Results of VOC analyses were not presented. This table is also reproduced in Appendix C.

The D&M October 18, 1989 "Soil Gas Survey Results" report indicates that "during removal of the [PCE] tanks on July 11, 1989 [VOCs] were detected in the soil surrounding the tanks in the containment vault. Soil analyses confirmed the presence of PCE in the soil at concentrations as great as 1.8 mg/kg." No other information regarding soil quality in the PCE tank area is available.

In April 1993, six soil borings (B051A through B051F) and four monitoring wells (MW-161S through MW-164S) were drilled in the area of former B058 by GSC (Plate 1 insert). Soil samples were collected at 2-foot intervals as the soil borings and boreholes, which would be completed as monitoring wells, were advanced. Each of these samples was analyzed for SW-846 Method 8010/8020 VOCs plus Freon®113. Each of these samples was also analyzed for TPH by United States Environmental Protection Agency (USEPA) Method 418.1 One or two soil samples from each boring and each monitoring well were also analyzed for PCBs. The sample analyzed for PCBs was usually coincident with the sample collected nearest the water table on the assumption that this would be the most likely place to find soils containing floating oil which might, in turn, contain PCBs. In the case of soils apparently containing petroleum, samples were chosen for PCB analysis in addition to the water table soil samples, based on physical appearance and odor.

The hazardous constituents detected in recent B058 soil samples include PCE, TCE, toluene, TCA, 1,1-dichloroethylene (1,1-DCE), 1,1-DCA, TCM, DCM, TPH and PCBs.

1.4.3 Groundwater Chemistry

Groundwater chemistry data have been collected from monitoring wells at this site since 1979.

There were three principal solvents used at the Kingston facility which have been detected in groundwater beneath the site. These are 1,1,1-trichloroethane (TCA), trichloroethylene (TCE), and

tetrachloroethylene (PCE). The occurrence and distribution of these VOCs has been discussed in detail in the 1993 RFI SOW and the "1992-93 Annual Groundwater Monitoring Report" and is summarized below.

Plate 3 shows the distribution of VOCs in groundwater at this site based on the most recent sampling round at each well. As shown on the plate, dissolved concentrations of each of these three principal solvents have been detected in the North Parking Lot Area plume (to the north of B001 and B003), with TCA and TCE being the principal constituents. All three principal constituents have been detected in the B005 plume (beneath manufacturing buildings B001, B002, B003, B004, and B005) with TCE exhibiting the highest concentrations, then TCA, and finally PCE. It should also be noted that in the eastern portion of the plume beneath the buildings the occurrence of TCE and PCE are centered farther north than the apparent center of the TCA plume. There is a separate PCE plume along the southern edge of B005 emanating from the area of the 1986 spill associated with the supply PCE tank in the southeast corner of B005. The generalized distribution of site groundwater impacted by VOCs is shown on Figure 1-3.

The B005 plume appears to have originated largely from activities in B001, B003, B004 and B005 South. The North Parking Lot Area plume appears to have origins in B001 - B005 South and/or the IW sewers located to the north of B001 and to the north and east of B003.

Groundwater chemistry data for TCA, TCE, PCE, 1,1-DCE, 1,1-DCA, and 1,2-DCE were examined to determine whether a pattern of chemical transformations exists at the site. It was apparent from an examination of TCA, 1,1-DCE, and 1,1-DCA that substantial transformation of TCA to these other two constituents has occurred at the site. However, comparison of the TCE distribution with 1,2-DCE distribution indicates that much more limited transformation of TCE to 1,2-DCE has occurred.

1.5 Corrective Action Implementation

Since the Kingston site began addressing the soil and groundwater conditions beneath the site in the late 1970s, several corrective action elements have already been implemented to mitigate the impacts of releases that had already occurred and to provide a higher level of prevention against future releases. These actions have included the installation of a groundwater collection and treatment system for the North Parking Lot Area plume (GWCS), the operation of a groundwater extraction well for the PCE tank release, the replacement of IW sewer lines with double-contained or slip-lined systems, and the removal of USTs previously used to store chemical wastes. The following subsections present a summary of each of these corrective action items.

1.5.1 Groundwater Collection and Treatment

In 1984, after determination that the North Parking Lot Area plume extended to the north property line, construction was begun on a groundwater cut-off trench to intercept this plume along the southern edge of Old Neighborhood Road and the eastern side of Neighborhood Road. The location and lay-out of this interceptor, termed the Groundwater Collection System (GWCS), is shown on Plates 1 and 2. In a report dated October 25, 1985 and titled "Interim Report: Groundwater Collection System, IBM Facility, Kingston, New York," D&M described the "main drain" that runs north-south along Neighborhood Road and northeast for a short distance along Old Neighborhood Road as follows:

"The main drain has been aligned such that it is situated directly across the path of contaminated water that is migrating toward the property boundary . . . It has been keyed into the silty clay unit below the upper aquifer . . . The design includes a six-inch perforated PVC pipe in a bed of filter stone and a geotextile fabric drain that intercepts the groundwater and diverts it toward the filter stone and drainage pipe. The fabric drain is sandwiched between a geotextile filter fabric which extends around the filter

stone to keep silt and fines from clogging the system. The main drain also includes six manholes, two of which include sump pumps to pump the intercepted water to the treatment system."

A "lateral drain/recharge system" was also installed at this time and is represented on Plate 4 as a lateral extending from the bend in the main drain in a south-southeasterly direction toward B001. This part of the GWCS was described by D&M in the October 25, 1985 report as follows:

"In addition to the main interceptor line the interceptor/collection trench also includes a lateral interceptor drain and recharge system . . . it has been aligned such that it runs through the center of the plume along the axis of highest groundwater contaminant concentration. The lateral is designed to expedite the clean-up process by intercepting the groundwater of highest contamination and by recharging clean water into the aquifer after the aquifer has been sufficiently drained. Recharging clean water in such a manner increases the hydraulic gradient and, hence, the flow and velocity of residual contaminated water toward the main interceptor drain where it is collected. This, in effect, increases the number of flushings of the aquifer and expedites the removal of residual contaminants that may be adhering to soil particles . . . The basic design is the same as for the main interceptor drain. However, the lateral drain is located a few feet above the silty clay unit and several feet below the top of the seasonally high groundwater . . . This configuration enables the lateral/recharge line to serve the dual purpose of draining the groundwater when the water table is high and recharging the aquifer with fresh water when the water table drops."

There is no indication in the reports prepared since this system was installed that the lateral drain/recharge system was used for any significant period of time as a source for recharge and flushing to the system. This system has been intercepting and withdrawing approximately 30 gpm more or less continuously since June 1985. This water is conveyed to the IWTF for treatment.

1.5.2 B005 Groundwater Extraction Well

In late 1986 there was a sudden and dramatic increase in the concentration of PCE in well MW-504S located adjacent to B005 South (Plate 1). At the time this increase occurred, it was not

identified as being related to the spill of PCE during the filling of the PCE product tank in the southeast corner of B005 in June 1986. However, upon subsequent discovery of a release associated with this spill during closure of that tank in July 1989, the rapid increase in PCE concentrations in MW-504S was interpreted to be a result of that release.

Nonetheless, when the increase in concentrations at this well was observed, groundwater extraction was begun at well MW-504S to prevent the spread of the PCE observed in this monitoring well. Pumping in this well began on April 1, 1987. Approximately one to three gpm have been withdrawn from this well since pumping began.

The water extracted from this well is discharged into an IW sewer in B005 South.

1.5.3 Replacement of Industrial Waste Sewer Lines

The replacement IW sewer lines are described and discussed in detail in Section 2.

1.5.4 Removal of Underground Storage Tanks

As discussed in previous subsection 1.3.3 and the RFI SOW, all subsurface tanks previously used to handle chemical waste or IW water (except at the IWTF) have been closed by removal.

2 SEWER SYSTEM EVALUATIONS

The IBM Kingston facility has three sewer systems (storm, IW, and sanitary) which have handled either wastewater containing hazardous constituents or hazardous waste. The location of these sewer systems is shown in generalized form in Figure 2-1 and in detail on Plates 4 through 9. The storm sewer system conveys infiltrated groundwater which has been impacted by VOCs. The IW sewers have handled IW rins ewater from various site processes. Independent of the main IW sewers, other subsurface piping has conveyed industrial waste to the USTs. The sanitary sewers convey sanitary waste to the on-site IWTF where this wastewater is conveyed without treatment to the Town of Ulster Publicly Owned Treatment Works (Town of Ulster POTW). The site also has one active septic leach field and historically has had several others, one of which (former B058 discussed in Section 2) may have conveyed hazardous constituents to the subsurface.

2.1 Storm Sewers

An extensive system of storm sewers exists beneath the site which conveys runoff from open areas, parking lots, and roof drains to outfalls which drain to minor, unnamed stream which in turn discharges to Esopus Creek.

There are three primary stormwater sewer systems on site (Figure 2-1). A 42-inch diameter system drains the southern portion of the site to Outfall 3 (OF3), a 30-inch diameter system (historically also termed the 27-inch system) drains the central portion of the site to Outfall 2 (OF2), and a 60-inch diameter system drains the northeast portion of the site to Outfall 1 (OF1). A smaller 18-inch diameter system drains the southwest parking lot (westernmost portion of the site) (Outfall 4 (OF4)).

2.1.1 Storm Sewer Investigation Methods

The principal method used in investigating the configuration and construction of the storm sewer system was the review of historic and current drawings and plans. Several hundred original site drawings were examined and over one hundred with relevant information were copied. This information was compiled and is presented on Plates 4 through 9. In addition to these historic plans, more recent survey drawings were reviewed. IBM has engaged a local surveyor for approximately the last ten years to periodically review and update site utility plans. Information on these plans, including as-built elevations, are incorporated into the information presented on Plates 4 through 9.

Storm sewers were inspected by Lawler, Matusky and Skelly Engineers (LMS) with the objective of verifying and updating the existing site drawings and descriptions of the stormwater system and examining the general conditions of the system components. Inspection results are incorporated into Plates 4-9. Since flow had been observed in some portions of the system and at outfalls during dry weather periods, the field inspections also included checking for dry weather flow and potential sampling access for future studies.

Physical inspections of the storm sewer system were performed by tracing the storm sewer lines to the four outfalls (OF1, OF2, OF3 and OF4). LMS used site utility drawings provided by GSC and IBM as a guide to locating stormwater manholes and catch basins. Both historical and current drawings were used and the inspections took place during June 1993. LMS verified each outside stormwater manhole or catch basin location interconnection. Each manhole was opened and the orientation and condition of all flow and sampling accessibility was noted. All inspections were made from outside the manholes. Any discrepancies between the drawings and the field inspections were noted and maps were updated. The presence or absence of flow was noted and, where present, the flow was estimated.

A storm sewer sampling program was undertaken in June through August 1993. During this sampling program, storm sewer and surface water samples were collected during two wet weather sampling events and five dry flow sampling events. Samples were collected at up to 65 locations. These samples were analyzed for VOCs.

Current and former IBM employees familiar with the storm sewer system configuration were interviewed and provided various general and specific background information. Reports prepared by the site's previous environmental consultant, D&M, were reviewed and important historical information was gathered from these reports. Freedom of Information Act (F.O.I.A.) Requests were made of Ulster County, NYSDEC and the USEPA.

2.1.2 Storm Sewer General History

Most of the 30-inch system and 42-inch system were installed in the mid-1950s prior to and during construction of the main site buildings (B001 through B004). The upstream portions of the 60-inch system, which originate in the vicinity of B042, Building 043 (B043), and B052, were constructed in the later 1950s through approximately 1970 as these buildings and B005 North were constructed. The smaller 18-inch system located to the west of the 200-series buildings was installed in the same time period as the 200-series buildings which were constructed from the late 1950s through the 1960s.

Outfall sampling of the sewer systems was conducted starting in 1979, as discussed in Section 2.1.4. This sampling indicated the presence of VOCs in infiltrating groundwater in the 42-inch and 60-inch systems. During the period June 1982 through August 1982, the 60-inch system was inspected by televising. A D&M report indicates that in those places where this sewer was found to be leaking the leaks were repaired. By July 1983 the 42-inch pipe had also been inspected by televising and all lines greater than 15 inches in diameter were reportedly repaired. Another

report indicates that all storm sewer lines greater than 18 inches in diameter were sealed and repaired in 1983 and 1984 and that decreased groundwater infiltration was noted. As shown on Table 2-1, historic dry weather flow is most significant from the 42-inch and 60-inch storm sewers with only minor flow from the 30-inch storm system (then termed the 27-inch storm system). Locations referenced in Table 2-1 are shown on Figure 2-2.

Table 2-1
Storm Sewer Historic Dry Weather Flow Data (gpm)

Outfall	July 12, 1979	May 13-16, 1980
42"	40	25
30"	0.15	1-4
60"	10-15	15
48" (part of 60" system)		1-15
30" (part of 60" system)	few gpm**	5
36" (part of 60" system)	few gpm**	10
Catch Basin	Dry	
* Formerly called 27" outfall (OF2)		
** Did not enter 60" portion of drain downstream from 30" and 36"		

A stormwater catch basin received water from an underdrain installed beneath the former IWSL located a short distance to the southwest of the IWTF (B036). This infiltrated groundwater was then conveyed to the nearby tributary to Esopus Creek. In 1993 IBM determined that this underdrain was no longer necessary since the IWSL had been closed for several years and sealed both the underdrain where it entered the catch basin and the pipe exiting the catch basin which conveyed water to the tributary. This catch basin was reconfigured such that it was made shallower and surface stormwater entering it exits to the west to a new outfall located just beyond the western IWTF fence (Plate 4).

2.1.3 Storm Sewer System Configuration

As noted above, the storm sewer system consists of a 42-inch system, a 30-inch system, a 60-inch system and the 18-inch system located to the west of the 200-series buildings. The systems of principal concern based on VOC sampling are the 42-inch system, the 30-inch system and the 60-inch system.

The 42-inch system originates near the eastern portion of the site to the south of the main site buildings. Various laterals feed into a 12-inch tile main carrier pipe which, in turn, feed into progressively larger diameter, reinforced concrete pipes.

As shown on Figure 2-3, the 60-inch system is more or less coincident with the original surface drainage pattern in the northern and northeastern part of the site. Details regarding storm sewer composition and layout are shown on Plates 4 through 9. The main carrier pipe is alternately composed of drainage ditches and subsurface pipes in the northeastern portion of the site before it becomes exclusively a subsurface system in the form of a 60-inch diameter north carrier pipe. The 60-inch pipe extends from the north-central portion of the site to the outfall to the northwest of the northwestern portion of the site. The 36-inch tributary pipe which enters the 60-inch main carrier pipe from the south had an outfall prior to the 1980s rather than being connected to the 60-inch main carrier pipe below grade. Effluent from the 30-inch portion of the 60-inch system daylights briefly before reentering the subsurface in the 60-inch main carrier pipe. Underdrains from B043 and B005 North feed into the 36-inch subsystem of the 60-inch storm sewer system.

The 30-inch system is located between the 60-inch system and the 42-inch system and serves the west-central portion of the main site that lies to the east of Neighborhood Road.

Based on inspections (Appendix A), all elements of the storm sewer system are in fairly good condition with no cracked or deteriorated manholes or pipes observed. Based on the increase in observed flows in the downstream portion of the 42-inch and the 60-inch systems, groundwater is infiltrating the systems. Plate 2 shows the sections of each stormwater system which are below the water table and which were observed to have dry weather flow attributed to groundwater infiltration. All pipe diameters and materials of construction are as indicated on Plates 4 through 9.

2.1.4 Storm Sewer Water Conveyed

In general, the storm sewer system conveys stormwater runoff collected from open areas, parking lots, and roof drains. From 1958 through 1972, boiler blowdown from the power plant was also discharged into the upstream portion of the 42-inch storm system (Plate 8). As will be discussed in detail in the next subsection, the 42-inch storm sewer and 60-inch storm sewer systems each convey infiltrated groundwater impacted by VOCs to the storm sewer system outfalls.

Historic storm sewer sampling for VOC compounds began in 1979. Characterization data was collected in 1979 and 1980 and is presented on Table 2-2. This table shows that TCE, TCM, TCA, DCM, Freon®113, 1,1-DCE and 1,2-DCA were detected in the 60-inch storm system and/or the 48-inch, 30-inch and 36-inch subsystems which are tributary to the 60-inch storm system. TCE, DCM, and Freon®113 were detected in the 30-inch system. The 42-inch sewer system outfall samples detected TCE, TCM, TCA, DCM, Freon®113, and 1,1-DCE. Samples collected from the catch basin which received water from the former IWSL underdrain detected TCE, TCA, DCM, Freon®113, carbon tetrachloride, 1,1-DCE and 1,2-DCA.

Table 2-2
Storm Sewer Historic VOC Maximum Detections - 1979/1980 (µg/l)*

Historical Location of Outfalls	Trichloroethylene	Chloroform	Trichloroethane	Methylene Chloride	Freon®113	Carbon Tetrachloride	1,1-Dichloroethylene	1,2-Dichloroethane
42-inch	109	3	11	57	7	--	33	--
30-inch***	25	--	--	41	13	--	--	--
60-inch	128	--	28	--	5	--	3	9
• 48-inch**	18	5	1	1	8	--	--	--
• 30-inch**	--	--	--	99	13	--	--	--
• 36-inch**	56	17	25	--	12	--	--	--
Catch Basin	369	--	72	1	7	805	102	17

Notes:

Freon®113 detected in all May 5, 1980 samples, but in none of the other four sample rounds

-- Not detected at 1 µg/l (2 µg/l for Freon®113)

PCBs not detected

* Five sampling rounds: 7-8/79, 1/80, 5/80, 7/80, 10/80. Data from 1981 Summary Report. Tetrachloroethylene, 1,1-dichloroethane, 1,2-dichloroethylene and 1,1,2-trichloroethane not detected.

** All are tributaries to the 60-inch outfall

*** Formerly called 27-inch outfall (OF2)

As shown on Table 2-3, annual samples were collected in 1981, 1982 and 1983 and were analyzed for TCE, TCA and total VOCs. This table shows that both TCE and TCA were found in the 60-inch storm sewer system. Only TCA was detected in one of three samples in the 30-inch storm system. TCE and TCA were detected in all three 42-inch outfall samples as was the case for the IWTF catch basin.

TABLE 2-3
Storm Sewer Historic VOC Results
December 1981, 1982 and 1983
(concentrations in µg/l)

Sample Location	Date	Trichloroethylene	1,1,1-Trichloroethane	Total Volatile Organic Compounds
42" Storm Line	12/81	39	68	156
	12/82	20	16	58
	12/83	23	13	36
30" Storm Line*	12/81	NA	NA	NA
	12/82	NA	NA	NA
	12/83	4	<3	4
60" Storm Line	12/81	155	139	330
	12/82	23	20	48
	12/83	180	250	501
• Eastern Ditch #1** (36" culvert)	12/81	NA	NA	NA
	12/82	NA	NA	NA
	12/83	<3	<3	<3
• Eastern Ditch #2**	12/81	NA	NA	NA
	12/82	<3	<3	<3
	12/83	<3	<3	<3
• 48" NE Culvert**	12/81	<1	<1	<1
	12/82	NA	NA	NA
	12/83	<1	<1	<1
• 30" Storm Line**	12/81	<1	<1	<1
	12/82	NA	NA	NA
	12/83	NA	NA	NA
• 36" Storm Line**	12/81	<1	<1	<1
	12/82	NA	NA	NA
	12/83	11	<3	19
Catch Basin	12/81	165	171	373
	12/82	8.6	7.7	29
	12/83	110	54	189
NA: Not analyzed * Currently called 30-inch outfall (OF2) ** All are tributaries to the 60-inch outfall				

The VOC concentration data presented in Tables 2-2 and 2-3 are derived from summary tables presented in historic D&M reports. More complete records are available for subsequent storm sewer samples consisting primarily of laboratory reports. Historic data from these laboratory reports have been entered into a database which is presented as Appendix B. These historic VOC data are presented in summary form on Figures 2-4 through 2-11 which show concentration versus time graphs of the principal VOCs detected in site stormwater samples. The principal VOCs detected are the TCE series compounds (which consist of PCE, TCE, 1,2-DCE (TOT) and vinyl chloride (VC)) and the TCA series compounds (TCA, 1,1-DCA, and 1,1-DCE).

Figures 2-4 and 2-5 show that TCA series compounds and TCE series compounds have been detected routinely in the 42-inch storm sewer outfall. These graphs also show a general downward trend in concentration with time for all of the TCA and TCE series compounds.

Figures 2-6 and 2-7 show TCA and TCE series compound detections in samples collected from the 30-inch storm sewer outfall. This data set is more limited than the 42-inch storm sewer data set, perhaps reflecting the fact that there is frequently no dry weather flow at this outfall. These two graphs show that TCA and TCE series compounds were routinely detected in samples collected at this outfall in the early and mid-1980s, but were rarely detected in samples from the later 1980s and 1990s.

Figures 2-8 and 2-9 show TCA and TCE series detections in samples collected at the 60-inch storm sewer outfall. Figure 2-8 shows that TCA series compounds were routinely detected in samples collected in the early and mid-1980s and that more recently these compounds are rarely detected. Figure 2-9 shows that TCE series compounds are routinely detected in the samples collected from this outfall but that concentrations have been decreasing over time.

Figures 2-10 and 2-11 show TCA and TCE series concentrations in samples collected at the former IWSL cutoff trench as represented by samples collected from the receiving catch basin. Figure 2-10 shows that TCA series compounds were generally detected in samples collected at this location but that concentrations have decreased over time. Figure 2-11 shows that TCE was the most important TCE series compound detected at this location. As noted previously, this catch basin has been reconfigured such that the former IWSL interceptor trench is sealed and this location is no longer accessible for sampling.

Five historic metals samples were collected from storm sewer locations in 1979 and 1980. The results for those Appendix 33 metals which were analyzed for are presented in Table 2-4. This table shows that concentrations in samples collected from the 48-inch galvanized steel pipe outfall, which is in an upgradient position relative to site operations, are generally comparable to concentrations in sampling locations which are downgradient from site operations. This similarity in concentrations suggests that water conveyed by the storm sewer system, including infiltrated groundwater, is not significantly impacted by site operations with respect to metals.

Table 2-4
Storm Sewer Historic Maximum
Appendix 33 Metals Concentrations* (µg/l)

Metal	42"	30"***	60"	30"****	36"****	48"****
Arsenic	2	6	3	3	2	3
Barium	--	--	--	--	--	--
Cadmium	--	--	--	--	--	10
Chromium	--	--	--	--	--	--
Copper	8	32	16	8	8	19
Lead	--	--	--	--	--	--
Mercury	--	--	--	--	--	0.6
Nickel	50	25	25	40	25	20
Selenium	5	5	6	12	1	9
Silver	2	6	3	3	2	3
Zinc	81	155	88	195	112	649
-- Not detected * Sampled 7-8/79, 1/80, 5/80, 7/80, 10/80 ** Formerly called 27-inch outfall (OF2) *** All are tributaries to the 60-inch outfall						

2.1.5 Relationship of Storm Sewers to Groundwater

The dry weather flow from the 42-inch and 60-inch storm sewers indicated that these sewer systems are acting as groundwater collectors beneath the site. The water quality with respect to VOCs, as measured at the outfalls, indicated a strong similarity of VOC composition between the quality of the water at the 42-inch and 60-inch outfalls and the groundwater plumes in the vicinity of these storm sewer systems (B005 plume and North Parking Lot Area plumes, respectively). This dry weather flow and the presence of site VOC groundwater plume constituents in samples collected at the outfalls indicated that impacted groundwater was infiltrating into the sewer systems and was

being conveyed to the outfalls. An investigation of this situation was conducted in 1993 which included both the installation of 25 monitoring wells to gather groundwater elevation and quality data as well as a storm sewer sampling program.

2.1.5.1 Groundwater Investigation

To gather information along the southern property line immediately downgradient from the 42-inch storm sewer system with regard to stratigraphy, groundwater elevation, and groundwater quality, monitoring wells were installed at five locations in June 1993. These monitoring wells, MW-165S through MW-169S, were installed by hollow-stem auger methods along the southern property line adjacent to Boice Lane and Neighborhood Road. (Refer to Plate 1 for well locations and Appendix C for well logs.) These wells, either individually or as two well clusters, fully penetrate the shallow sand aquifer along the southern property line. As discussed in detail in the September 27, 1993 "1992-93 Annual Groundwater Monitoring Report" (previously submitted to NYSDEC), no VOCs were detected in groundwater samples collected from these wells.

Having established that the VOC plume present upgradient (to the north) of the 42-inch storm system did not reach the IBM southern property line, the storm sewer investigation was more tightly focussed on the two storm sewers with infiltrating groundwater, the 42-inch and the 60-inch systems. In September 1993, ten monitoring wells were drilled along the 42-inch and 60-inch sewer systems. These wells were placed as close to the main carrier pipes as practical in both upgradient and downgradient positions based on data from the storm sewer sampling program (discussed in the next subsection). As shown on Plates 1 and 2, monitoring wells MW-179S, MW-178S, MW-176S, MW-175S and MW-173S are drilled adjacent to, and upgradient from, the 42-inch storm sewer. Wells MW-177S and MW-174S are fully penetrating monitoring wells drilled immediately downgradient from the 42-inch storm sewer system. Monitoring wells MW-170S, MW-171S and MW-172S were installed adjacent to, and upgradient from, the 60-inch storm sewer system. Well

logs for these monitoring wells are presented in Appendix C. The first round of samples was collected in the third quarter of 1993 and the results were first reported in the December 2, 1993 "Submittal of Quarterly Data for Third Quarter 1993" letter to NYSDEC. These data indicated that VOCs were detected in those MW-170 series monitoring wells located upgradient from the 42-inch and 60-inch storm sewers. The monitoring wells installed downgradient from the 42-inch storm sewer system (MW-177S and MW-174S) did not detect any VOCs.

Two monitoring well pairs are located within fifty feet of each other on opposite sides of the 42-inch storm sewer main carrier pipe in that portion of the VOC groundwater plume where the highest concentrations intersect the location of the 42-inch storm sewer. Upgradient monitoring well MW-173S in the most recent groundwater sample detected nine VOCs with individual parameter concentrations of up to 630 micrograms per liter ($\mu\text{g/l}$) (Plate 3). The adjacent downgradient well, MW-174S, did not detect any VOCs at a detection limit of 1 $\mu\text{g/l}$. In the case of MW-176S, eight VOCs were detected at concentrations up to 450 $\mu\text{g/l}$. The adjacent downgradient well, located on the opposite side of the 42-inch storm sewer system, did not detect any VOCs. This rapid attenuation of VOC concentrations over a very short distance indicated that the VOC plume was being intercepted by the 42-inch storm sewer and that no VOCs in detectable concentrations remained in the groundwater on the downgradient side of the 42-inch storm sewer system.

In order to confirm this conclusion regarding the ability of the 42-inch storm sewer system to completely capture the southern VOC plume and to determine if a similar situation exists for the 60-inch storm sewer system, ten additional monitoring wells were installed in December 1993. Eight of these monitoring wells (MW-180S through MW-183S and MW-186S through MW-189S) were installed close to the 42-inch and 60-inch storm sewers. Two monitoring wells (MW-184S

and MW-185S) were installed between the northeast extension of the GWCS and the 60-inch storm sewer to evaluate groundwater quality as groundwater passes northwestward past the northeastern extension of the GWCS.

Wells MW-180S and MW-183S were installed in downgradient positions relative to the 42-inch storm sewer in order to more fully assess groundwater quality conditions on the downgradient side of the 42-inch storm sewer. Wells MW-181S, MW-182S, and MW-189S were installed as infill sampling locations on the upgradient side of the 42-inch storm sewer to better define concentrations within the VOC plume where it intersects the 42-inch storm sewer. Wells MW-186S and MW-187S were installed in upgradient positions relative to the 60-inch storm sewer to assess conditions along the eastern edge of the northern plume. Monitoring well MW-188S was installed on the northeast side of the 60-inch storm sewer. Sampling results from this well are intended to confirm that no VOCs impacted groundwater enters the 60-inch storm sewer from the upgradient direction to the northeast of the storm sewer. As shown on Plate 3, results of the most recent groundwater sampling of the MW-180 series monitoring wells continue to indicate that the entire southern plume is intercepted by the 42-inch storm sewer and that no VOCs pass beyond this storm sewer southward in a downgradient direction. Data presented on Plate 3 also indicate that no VOCs pass beyond the northern portion of the 60-inch storm sewer as indicated by the absence of VOCs in the sample collected at MW-188S.

Hydraulic capture of impacted groundwater intersecting the 42-inch and 60-inch storm sewers can be inferred by the groundwater elevation map presented as Plate 2. As shown on this map and as described earlier in Section 1.3.2.3, two "valleys" exist in the groundwater table surface which are coincident with the 42-inch and 60-inch storm sewers. When groundwater elevations are compared to storm sewer invert elevations, it can be seen that much of the 42-inch and the 60-inch storm sewers lie below the water table. In the case of the 42-inch storm sewer, the invert elevations of

42-inch pipes in the manhole lying adjacent to the westernmost extent of the shallow sand aquifer (before the limits of the perennially saturated area are reached to the west) are 161.8 feet. The groundwater elevation in this area is 167.7 feet indicating that the invert of the 42-inch main carrier pipe lies approximately six feet below the water table. In the case of the 60-inch storm sewer, the invert elevation of the 60-inch main carrier pipe as it exits the manhole adjacent to the northernmost property line is approximately 160 feet. The water table in this area is at an elevation of approximately 162 feet. The next catch basin upstream from this location, located approximately 500 feet to the southeast, has an invert elevation at the main carrier pipe of 161.1 feet. The groundwater elevation at this location is approximately 166 feet, indicating that this pipe lies approximately five feet below the water table in this area.

2.1.5.2 Storm Sewer Sampling Program

The IBM Kingston storm sewer system was sampled seven times between June and August 1993. LMS conducted a total of five dry weather (no precipitation greater than 0.1 inches within 72 hours) sampling events. A rain gauge was positioned near OF3 to verify this. There was one wet/dry weather sampling event (brief shower in the morning, clearing by mid-morning) and one wet weather event (precipitation greater than 0.1 inches and lasting approximately 3 hours) with a follow-up dry sampling event the next day.

Sampling locations are shown on Figure 2-12 and results are presented in Appendix D. The approximate number of samples collected from each storm sewer system and surface water location are as follows:

- 42-inch: 18 sampling locations
- 30-inch: 3 sampling locations
- 60-inch: 16 sampling locations (including one sampling point in the tributary TR1-1)
- 18-inch: 1 at the outfall

- Esopus Creek: 3 sampling locations
- Tributaries: 6 sampling locations
- IWSL Catch Basin: 1 sampling location at the catch basin

Sampling crews moved up each storm sewer system to the final manhole or catch basin of that system. Stainless steel buckets attached to boat hooks were used to collect samples. Samples were then dispensed into three 40 milliliter (ml) vials for USEPA Method 8010 analysis. Limited flow measurements (volumetric measurements over time) or estimates (full flow, half flow, drip, none, etc) were made where possible. Since all sampling was conducted without confined space entry, flow measurements were limited to locations with elevated (i.e., above the bench) entry flow. Conductivity, temperature, and pH measurements were recorded for each sample. Field and trip blanks were also collected.

The results of the sampling program are described in the attached report to NYSDEC (Appendix E). The report concluded that while low flows of contaminated groundwater were infiltrating several segments of the two stormwater systems (the 42-inch and 60-inch systems), the concentrations of VOCs infiltrating and being discharged were not adversely affecting water quality in the receiving streams and were within anticipated SPDES effluent limitations. A comparison to the storm sewer sampling results presented in Appendix E and groundwater VOC results shown on Plate 3 indicates that the segment of the 42-inch storm sewer where PCE enters is in the area of the B005 South PCE release as would be expected. However, as shown on Figure 2-5, PCE is not detected in the outfall. Similarly, the segment of the 42-inch storm sewer where TCA series and TCE series concentrations increase in the dry weather flow coincides with the highest concentrations in groundwater adjacent to the 42-inch storm sewer, but are detected at very low concentrations in outfall samples. Based on the submitted storm sewer sampling results and

subsequent discussions with NYSDEC, IBM is currently preparing SPDES applications to incorporate both the dry weather and storm associated flows discharging from each of the four stormwater systems under the SPDES permit.

Additional sampling to provide SPDES application data is currently being conducted. Based on anticipated application submittal and processing schedules, IBM expects the permit to be finalized within six to twelve months.

2.2 Industrial Waste Sewers

This site has been served by an extensive network of subsurface IW sewers since the mid-1950s. The IW sewer system conveys wastes to the on-site IWTF where these wastes are treated and discharged.

2.2.1 Industrial Waste Sewers Investigation Methods

In assessing the IW sewer system several hundred site architectural and engineering drawings were reviewed for relevant information. In addition to the site drawings, work done by a local surveyor, as described in Section 2.1.1, was also reviewed. LMS conducted field inspections of the outdoor portion of the IW sewer system to assess conditions of the sewer and to verify conditions as reported on various drawings and plans. The results of these inspections are discussed in subsection 2.2.3 and field observations are incorporated in Plates 4 through 9. Several reports were reviewed, including a report regarding work done in 1979 to assess the main carrier lines of the IW sewers. This report described and discussed televising work which was done in the three main IW sewer carrier pipes and subsequent slip lining that was performed in two of these pipes. Plans for an upgraded pipe-in-a-pipe system installed in the mid-1980s were also reviewed. IBM employees were interviewed regarding the systems, particularly the subsurface waste holding tanks and

building chemical use. Information obtained from the Ulster County Department of Health (UCDOH) under the F.O.I.A. discussed the presence and use of one of these subsurface waste holding tanks (B003 waste oil).

2.2.2 Industrial Waste Sewer System Configuration and History

As shown on Plates 4 through 9, the original IW sewer system consisted of four independent parallel subsystems. Three of these subsystems flowed by gravity to the IWTF. The largest subsystem with respect to flow was the general rinse line, also referred to as the acid/alkali rinse line. The next two subsystems consisted of the chrome rinse and cyanide rinse lines, both originally used to convey plating wastes to the IWTF. The fourth system, labeled "spare" on original construction drawings, was only used in B003. This spare subsystem conveyed waste cutting oil generated by the electric typewriter division to a subsurface waste oil holding tank located to the west of the northwest corner of B003. The layout of these original IW sewers is shown in generalized form on Figure 2-1 and in detail on Plates 4 through 9.

These systems were constructed of 6-inch to 10-inch diameter vitrified clay pipe in three or four foot sections. Based on an examination of photographs taken in the mid-1950s during initial plant construction, these sewer lines were placed on native sand in subsurface trenches. These trenches may then have been backfilled with native sand. The 1979 televising of the three main subsystems indicates abundant sand present in these pipes supporting the belief that these pipes were laid in a sand bed rather than a gravel bed.

As shown on Table 2-5, only one year after installation in 1956, the general eight 8-inch by 10-inch rinse line was conveying approximately 2.2 million gallons per month to the IWTF and the 6-inch chrome and cyanide rinse lines were each conveying several hundred thousand gallons per month. Based on interviews with current and former IBM employees, the chrome and cyanide rinse lines

were most active in the 1950s and early 1960s when the site had manufacturing operations in B001 and B003 which involved metal plating. These two 6-inch lines are believed to have been active through 1971 as originally intended, conveying chrome and cyanide rinsewater. These lines are believed to have been inactive from 1971 through 1979. The acid/alkali rinse line was active from the mid 1950s when it was installed, through the late 1970s, as shown on Table 2-5.

Table 2-5
Industrial Waste Sewer Historic Flow Data
Monthly Average Flow (gallons)

1956	2,200,000	Acid/Alkali (general) Rinse
	528,000	Chrome Rinse
	308,000	Cyanide Rinse
	<u>3,036,000</u>	<i>Total IW System Flow</i>
1977	3,740,000	General Rinse
1978	3,740,000	General Rinse
1979	4,720,000	General Rinse
1993*	998,000	Groundwater (from GWCS)
	1,168,000	General Rinse
	<u>2,166,000</u>	<i>Total IW System Flow</i>

* Monthly flow based on first half of October

In 1979, all three main lines (general, chrome and cyanide rinse) were assessed by being televised. The main carrier pipes of the chrome and cyanide lines were televised from the IWTF to the easternmost extent of the main carrier line where it intersects the easternmost set of laterals exiting the north side of B003. The general rinse line was assessed from the IWTF to the point where it runs parallel to the north side of B005. This assessment was done because IBM intended to install a new laboratory in B005 South which would pump dilute fluoride waste to an IW line in B003 and from there into either the inactive cyanide or chrome rinse line. It was the intention to slipline one of these two lines prior to the start-up of the new laboratory. Following the televising project, both the chrome and cyanide rinse lines were sliplined with polyethylene

pipe. As part of this project, the eight by ten inch general rinse line was also televised.

Prior to televising, each of the three vitrified clay lines was cleaned with a high-pressure jet. Little industrial-type sediment was observed although a considerable quantity of sand was flushed out of each of the chrome and cyanide lines.

In the mid-1980s the general rinse line and the two sliplined lines were replaced by a state-of-the-art pipe-in-a-pipe system. At this time, use of all of the indoor subsurface vitrified clay IW sewers was reportedly suspended and industrial waste within the buildings was conveyed via overhead PVC pipes to pipe-in-a-pipe laterals which in turn conveyed wastes to the pipe-in-a-pipe main carrier line.

The general rinse line was observed by LMS to be sliplined with plastic pipe for its entire east-west run from a position to the north of B003 to the IWTF. This sliplining was not present in 1979 when this subsystem was inspected by televising and was presumably not done following the replacement of this line in the mid-1980s by the pipe-in-a-pipe system. This sliplining was, therefore, probably conducted in the early 1980s.

Wastewater conveyed to the IWTF was treated for various constituents using various technologies from the mid-1950s through the current time. Until 1974, treated wastewater was discharged to Esopus Creek. After 1974, treated wastewater was conveyed to the Town of Ulster POTW.

2.2.3 Condition of Industrial Waste System

Based on a December 1993 LMS inspection of the vaults and other access points, the new pipe-in-a-pipe IW system is in good condition. The manholes are lined and have double covers. Some manholes had standing water but no flow was observed in the containment system. The

10-inch diameter PVC line from Building 962 (B962) was also examined and some standing water was observed in the manhole. The pipe appeared to be in good condition where observed at the manholes.

The older 8 and 10-inch diameter clay general rinse line was also inspected, where possible (Appendix A). The 8-inch diameter section from CS119 to B005 (refer to Plates 4 through 9 for confined space (CS) locations) is indicated as abandoned and only the stub end is present at CS119. No evidence of access to the abandoned line was found above CS119. The sliplining of the original 8-inch diameter clay tile line from CS119 to CS124 was confirmed by inspections. The sliplining is only between manholes, not in the manholes which have open benches. A flow of approximately 2 gpm was noticed in the system to the north of B001 and standing water was found in CS122, north of B001. There were also some accumulations of silt in several manholes (CS113, CS114). Both the original clay and new plastic lateral connections are still visible in the manholes.

The same observations were made for the 10-inch diameter section of clay rinse line that parallels the 8-inch line. It is sliplined with plastic pipe with open benches above CS121. From CS123 to the IWTF the sliplining is continuous pipe with laterals connected directly to the carrier pipe. No flow was observed in the open bench position above CS121. Flow was detected at CS124 where the GWCS discharges to the sliplined pipe.

In general, the condition of the sliplined pipe is good and the manholes do not show any significant deterioration. Prior to the sliplining work, the 8 and 10-inch general rinse lines were inspected by televising in 1979. The televising inspection indicated several areas of broken pipe and generally poor joint conditions. Many joints were offset by up to one-half inch, several joints had material hanging into the pipe and 15 percent of the joints showed root intrusion. Where sections were pressure-tested they did not hold the 2 pounds per square inch (psi) pressure applied. Other

sections were not pressure tested because in the judgement of the engineers they would not hold 2 psi. Based on these observations, the sections were subsequently sliplined as described above. The televising inspection also noted some infiltration of groundwater between CS199 and CS124 (north of B001 and B003).

The two 6-inch diameter clay pipe rinse lines which were installed in 1955 also extend from north of B003 to the IWTF. They share many of the manholes with the 8-inch system described above. Both of the 6-inch lines now contain 4-inch diameter plastic pipe which was installed during the 1979 slipline project. Based on the recent inspection, the sliplined pipe is in generally good condition (although not in use). As indicated above, the plastic laterals to B001 and B003 are also still present in the manholes.

The 6-inch lines were televised in 1979 prior to sliplining. There were several areas of broken or damaged pipe and offset and separated joints were common in both lines. The cleaning and televising work also indicated infiltration of sand into the lines and approximately 3.0 to 3.5 gpm of groundwater infiltration in each of the lines. In the recent inspection, no flow was observed in the 6-inch lines.

The in-ground section of the IW system serving the utility building area (B031, Building 032 (B032)) had only a limited inspection since there are few manholes or access points. The portions of the system indicated as "abandoned" on Plates 4 through 9 could not be inspected since there are no access points. At the observable locations (pump stations), the existing pipe-in-a-pipe system was found to be in good condition.

2.2.4 Industrial Wastewater Conveyed

The main vitrified clay IW sewers were intended to carry wastes containing organic and inorganic constituents to the IWTF. As noted above, original building plans indicate that the general, cyanide and chrome rinse lines conveyed wastes from plating areas in B001 and B004. Wastes from painting areas in B001 and B004 were also conveyed via the general rinse lines to the IWTF. The presence of flash basins in the general rinse lines in former painting areas suggest that they were designed to convey volatile constituents.

Table 2-6 indicates that the general rinse drain in the late 1970s conveyed relatively dilute concentrations of Appendix 33 Metals. The cyanide and chrome lines were inactive when these samples were collected and data are not available regarding historic concentrations from the 1950s and 1960s.

Sampling conducted in 1980 indicated that the general rinse line was conveying TCA, DCM, Freon[®]113, TCM, PCE and TCE (Table 2-7). The source of these compounds in the IW influent to the IWTF is not certain. They may have resulted from upstream use of these compounds in buildings or from the infiltration of groundwater along that relatively small portion of the IW sewer which is below the water table (as will be discussed in the following subsection). Although TCA and TCE are present in the portion of the groundwater plume which may be infiltrating into the IW sewers, DCM, Freon[®]113, TCM, and PCE generally are not. The presence of these compounds in the IW influent may have resulted from building chemical use rather than from groundwater infiltration.

Table 2-6
Industrial Waste Sewer Historic Appendix 33 Metals*

Greatest Monthly Average Concentration (µg/l) - 1977, 1978, 1979

Chemical	Concentration
Arsenic	25
Barium	50
Cadmium	50
Chromium	190
Cobalt	17,400
Copper	780
Cyanide	340
Lead	1,230
Mercury	1.3
Nickel	700
Selenium	25
Silver	400
Tin	5,000
Zinc	240
*Plus cyanide	

The wastewater conveyed to the IWTF from the GWCS is discussed in detail in the RFI SOW as well as in the "1992-93 Annual Groundwater Monitoring Report." As discussed in these documents and shown on Table 2-5, approximately one million gallons are collected monthly from the GWCS. TCA concentrations in recent sampling events range from less than 100 µg/l to 850 µg/l. The concentrations of the transformation products 1,1-DCA and 1,1-DCE are substantially lower than the TCA concentrations. The most recent sampling of the GWCS effluent indicates that TCE concentrations range from less than 100 µg/l to 950 µg/l. The transformation product 1,2-DCE is also present but at much lower concentrations than TCE. This collected groundwater is conveyed to the IWTF via a PVC force main which discharges to the sliplined 10-inch former general rinse line.

Table 2-7
Industrial Waste Sewer Historic VOC Influent
Maximum Concentrations*

Chemical	Concentration
1,1,1-Trichloroethane	788
1,1,2-Trichloroethylene	ND@1
1,1-Dichloroethane	ND@1
1,1-Dichloroethylene	ND@1
1,2-Dichloroethane	ND@1
1,2-Dichloroethylene	ND@1
Carbon tetrachloride	ND@1
Chloroform	7
Freon®113	11
Methylene chloride	5,982
Tetrachloroethylene	54
Trichloroethylene	103
*Sampled 1/80, 5/80, 7/80, 10/80, in (µg/l)	

2.2.5 Industrial Waste Sewer Relationship to Groundwater

Most of the main IW sewer system is above the water table. That portion which is currently below the water table consists of the main carrier pipes of the original general, cyanide, and chrome rinse vitrified clay lines and the main carrier of the mid-1980s replacement pipe-in-a-pipe system. The elevation of the inverts of most of the portions of the IW pipes below the water table are very near the water table and so may from time to time be above the water table seasonally or during periods of extended dry weather. The portions which potentially often lie below the water table include all of the east-west trending sewer system lines to the north of B001 and B003 (downstream from CS119), as well as the pipe-in-a-pipe system from the point where it runs parallel to the west-central portion of B005 North (near CS1212) northwestward to a point to the northwest of B001. As noted in the previous report subsection, flow has been noted in all three of the original vitrified clay lines at times when each was believed to be inactive. This flow may represent infiltrated groundwater.

As shown on Plate 2, the western limit of the shallow sand aquifer lies between B001 and Neighborhood Road. The condition which causes the western terminus of the shallow sand aquifer is the bedrock ridge and overlying silt and clay lying beneath Neighborhood Road. The IW sewers lie in trenches which cut through this bedrock/silt and clay area in the vicinity of Neighborhood Road. These trenches are shown in cross-section view on Figure 2-13 (location shown on Plate 1). This figure represents a north-south cross-section coincident with Neighborhood Road where the IW sewers, as well as storm and sanitary sewers, pass beneath Neighborhood Road. As shown on this cross-section, the water table in this area lies significantly above the invert of the pipe-in-a-pipe IW line, the 10-inch IW line, the former cyanide and chrome rinse IW lines, the 12-inch sanitary line, and the 30-inch storm line. Groundwater, therefore has the potential to pass through the natural western boundary of the shallow sand aquifer in the utility trenches which cut through this boundary. This groundwater flow may be in the presumably coarse material which surrounds the pipes in the trenches or may be infiltrated groundwater in the pipes themselves.

2.3 Sanitary Sewers

With the exception of a septic tank and associated drain field which serve Building 032 (B032), all of the Kingston site is served by a sanitary sewer system which conveys wastewater to the IWTF where it is in turn conveyed untreated to the Town of Ulster POTW.

2.3.1 Sanitary Sewer Investigation Methods

The principal method used in investigating the configuration and construction of the sanitary sewer system was the review of historic and current drawings and plans. The information generated by this document review is presented on Plates 4 through 9. Field inspections of the sanitary sewer system were conducted in December 1993. The objective of the field inspection was to verify the

information on the compiled site utility drawings and to identify any constructed systems which differ from the available drawings. The general conditions of the active system were also investigated. Field inspection notes are presented in Appendix A.

The field inspection tasks included review of available and compiled site drawings of the sanitary sewer pipe system, actual inspection of accessible system components (manholes, sumps, vaults, etc.) and updating of the compiled drawings to include conditions observed in the field.

The field inspections were performed by opening all accessible system elements and observing pipe configurations, sizes, materials and flow (if observable). System components were identified by the assigned IBM confined space numbers generally indicated on each manhole or vault (Plates 4 through 9). Each major leg of the system was inspected and all interconnections verified. All inspections were made from outside the confined spaces. Detailed notes and drawings were made for each system element and were checked against the existing drawings. Discrepancies were noted and confirmed before drawings were altered.

These inspections included observations of flow or standing water in the pipe systems where possible. The pipe materials, size and general condition were noted and any observable alterations such as plugs, caps or other indications of alteration were also noted.

2.3.2 General History and System Configuration

The sanitary sewer system is configured as shown in general on Figure 2-1 and in detail on Plates 4 through 9. In addition to the site-wide subsurface piping which conveys wastewater to the IWTF before it is in turn conveyed to the Town of Ulster POTW, several septic systems have existed on site. As shown on Plate 8, B032 is currently served by a septic disposal field. This building is used largely for storage and is now only intermittently occupied. It was one of the first buildings

constructed on site and originally served as the main office for contractors during the first site construction activities. Plate 8 also shows that B031, B033, and former B058 were also served by septic disposal fields. The septic disposal fields for B031 and B033 have been abandoned and building sanitary wastes are now conveyed to the Town of Ulster POTW. The B058 septic field was reportedly the source of impacted soils in this area and was removed in the early 1980s when B058 was demolished. However, as shown on Plate 8, the B058 septic field overlaps the B033 septic field. Activities in B033, including the former degreaser, may also have been a source of impacted soils in this area.

Based on the inspection of the sanitary sewer system by LMS, all observed portions of the sewer system were found to be in good condition with no significant deterioration or damaged elements. Flow was continuous in most sections and did not indicate backups or restrictions.

Prior to 1974, sanitary wastes received secondary biological treatment at the IWTF. This treatment consisted of the removal of settleable and suspended solids followed by biological treatment and trickle filters to remove pathogens. After a final settling treatment to remove additional suspended and dissolved solids, the effluent was chlorinated and discharged to Esopus Creek.

2.3.3 Wastewater Conveyed

As shown on Table 2-8, historic monthly average flows in the late 1970s were approximately two million gallons per month. This flow has recently decreased with decreasing activity at the site.

Data are available regarding metals concentrations in the sanitary sewer flow in the late 1970s. These data are presented on Table 2-9.

Table 2-8
Typical Sanitary Sewer Historic Flow Data

Monthly Average Flow (gallons)

1977	2,490,000
1978	2,168,000
1979	1,807,000
1993*	1,000,000*

*Monthly flow based on first half of October

Table 2-9
Sanitary Sewer Historic Appendix 33 Metals*

Greatest Monthly Average Concentration (µg/l) - 1977, 1978, 1979

Chemical	Concentration
Arsenic	25
Barium	1,000
Cadmium	170
Chromium	110
Cobalt	50
Copper	1,000
Lead	140
Mercury	2
Nickel	100
Selenium	25
Silver	170
Tin	5,000
Zinc	5,200
*Plus cyanide	

2.3.4 Relationship to Groundwater

The sanitary sewer system is above the water table throughout nearly all of the site and so there are limited opportunities for infiltration of groundwater into the system. As discussed in subsection 2.2.5, the sanitary sewer is below the water table in the vicinity of Neighborhood Road, where the possibility exists that VOC-impacted groundwater may be entering the sanitary sewer in this area.

3 CONCLUSIONS

Based on the discussion in Sections 1 and 2 regarding site background and sewer system evaluations, the potential for releases from the storm, industrial waste, and sanitary sewers is assessed in this section.

3.1 Storm Sewers

Based on available information, it appears that the storm sewers were used in only a very limited way for the conveyance of wastewater containing hazardous constituents. The only known occurrence is the discharge of boiler house blowdown into the storm sewers through a separator in the late 1950s through early 1970s.

Both the 42-inch and 60-inch storm sewers collect impacted groundwater by infiltration. As discussed in subsection 2.1, all of the southern (B005) plume is intercepted by the 42-inch storm sewer and the northern portion of the North Parking Lot Area plume is intercepted by the 60-inch storm sewer. Both the 42-inch and 60-inch storm sewers remain below the soil water table for their entire length downstream of where they first intercept impacted groundwater. There is, therefore, no opportunity for exfiltration of collected impacted groundwater conveyed into the soil by the storm sewers. There may, however, be a potential for this collected impacted groundwater to enter the bedrock groundwater system beneath Neighborhood Road.

3.2 Industrial Waste Sewers

The IW sewers have the potential for releases both through direct exfiltration of wastewater and through the downstream exfiltration of impacted groundwater which may infiltrate into the sewers in the area to the north of B001 and B003.

As noted previously in report subsection 2.2, many of the joints between the 3- and 4-foot sections of vitrified clay tile in the original IW system are not sound. The number of joints in the original IW sewer system is quite large. In considering only those portions of the original vitrified clay pipe IW system which run to the north of B001 and B003, and the four sets of parallel lateral pipes lying beneath B001 and B003, there is over 15,000 feet of vitrified clay piping (not including all of the minor piping attached to these main laterals, piping beneath the 200-series buildings, or the buildings to the east of B003). Given this extensive distribution of IW sewer lines, the most appropriate method to investigate the potential for VOC releases is to focus on areas of known VOC use and to first investigate with a reconnaissance technique such as soil gas surveys and then perform focussed assessment activities based on the reconnaissance data.

As discussed previously, several areas of the site have been identified as specific areas in which halogenated organic solvent processes occurred. It is therefore appropriate to assess IW piping downstream from these areas to the IWTF. The areas are as follows:

- B005 South - VOC use consisted of TCA used in the "Carousel," TCE used in several other processes, and PCE usage. These activities all occurred in the late 1960s through early 1980s when the original vitrified clay pipes were being used either in their original condition or as upgraded by sliplining.
- B004 - Original building plans indicate that painting was conducted in the southeast corner of the building and that general rinse lines in the area conveyed waste northward out the north side of B004 then westward to the easternmost set of parallel lateral pipes beneath B003.
- B001 - Processes using TCA were located in the northern and southern portions of the building. The northern usage consisted of the "Carousel" degreasing operation and perhaps other TCA-using processes. TCA use in the southern portion of the building may have been centered around the former plating operation. Painting was conducted in the southern portion of the building and the flash basin present in the acid/alkali rinse line indicates that this IW sewer was designed to convey volatile wastes originating in this portion of the building.

In assessing these areas in B001, B004/B003, and B005 South, all of the original vitrified clay main carrier pipes located outside and to the north of the main site buildings will be assessed. In addition to these main carrier pipes, the western set of lateral pipes beneath B001 and much of the eastern set of lateral pipes in B003 as well as those pipes lying beneath B004 will be assessed.

The exfiltration of wastewater containing hazardous constituents from the original IW sewer system, particularly that portion of the system which runs east-west to the north of B001 and B003, may be a principal source of the North Parking Lot Area plume. Monitoring wells downgradient from this portion of the IW sewer system exhibit significantly higher concentrations of dissolved VOCs than wells upgradient from the east-west running IW sewers. Exfiltration from other portions of the sewer system may be contributing to the North Parking Lot Area plume and to the B005 (southern) plume.

From time to time portions of the main carrier pipes located to the north of B001 and B003 are below the water table and so the potential for infiltration of impacted groundwater exists. This piping, however, is above the water table in the vicinity of the IWTF. This being the case, impacted groundwater which infiltrates the IW piping in the North Parking Lot Area plume may be discharged by exfiltration into the bedrock in the vicinity of Neighborhood Road, and into the soil in the vicinity of the IWTF. In addition to the movement of impacted groundwater directly inside the IW piping, the possibility exists that groundwater may move westward from the North Parking Lot Area plume through the presumably coarse backfill material in the numerous sewer trenches which cut through the natural barrier to groundwater movement beneath Neighborhood Road. This impacted groundwater would also serve as a source of recharge for groundwater beneath Neighborhood Road and the IWTF.

3.3 Sanitary Sewers

The sanitary sewers do not appear to be a significant source of VOCs for impacted site media since they generally did not convey process wastewater. Furthermore, potential infiltration of impacted groundwater appears to be limited to the area where the sanitary sewer line lies beneath the water table to the north of B001 near Neighborhood Road. The mechanisms for the transport of impacted groundwater in the sanitary sewer in this area are the same as discussed above for the IW sewer.

3.4 Unified VOC Plume Fate Model

As shown on Figure 3-1 and discussed previously in various subsections of this report, the site groundwater VOC plume is largely captured or contained within the site boundaries. This figure shows that control is exerted to the south by the 42-inch storm sewer system which captures the B005 plume as it moves south and west. To the north of the 42-inch storm sewer system westward movement of the site groundwater VOC plume is controlled by the natural western boundary of the shallow sand aquifer. In the northwestern part of the site, the GWCS controls the northwestern portion of the North Parking Lot Area plume. The northern portion of the site VOC plume is captured and controlled by the 60-inch storm sewer system.

Two potential or probable gaps in the control of the site VOC plume are also shown on Figure 3-1 as blue arrows. The western gap in VOC plume control is the location where various gravity drains (30-inch storm sewer, IW sewers, and sanitary sewer) cut through the natural western limit of groundwater movement. The other location where the plume is probably not controlled is the space between the northeast end of the GWCS and the 60-inch storm sewer. As shown on Plate 3, impacted groundwater flows northwestward between the northeast end of the GWCS and the 60-inch storm sewer.

4 RECOMMENDATIONS

Recommendations for additional activities regarding the site sewer systems are presented in this section. These activities include further investigations into potential impacts from the industrial waste sewer system and addressing the situation of the sewers which cut through the bedrock ridge beneath Neighborhood Road. With the exception of additional data required for SPDES permitting, the storm sewer investigation is complete.

4.1 Investigations

The recommendations presented in this subsection focus on investigations related to the industrial waste sewer system. The storm sewer system has been thoroughly investigated and the sanitary sewers do not warrant further significant investigation. Investigation activities related to other SWMUs have been previously addressed in the RFI SOW. Investigation activities associated with potential new SWMUs (such as the B003 waste oil UST) will be addressed in a later report which describes these potential new units and addresses their assessment.

4.1.1 Soil Gas Investigations

As discussed in subsection 3, the most appropriate method for assessment of potential VOC releases from the IW sewers beneath and downstream from B001, B004, and B005 South is soil gas surveys. As shown on Figure 4-1, soil gas surveys are proposed for portions of B005 South, B004, the northern portion of B001, and the west-central portion of B001. In addition to these soil gas surveys proposed beneath the buildings where VOC uses have been documented, the downstream original vitrified clay IW lines from these buildings will also be assessed with soil gas surveys. As shown on Plate 7, the IW lines beneath B005 South flowed northward to the alcove between B005

South and B005 North. The original vitrified clay main carrier pipes then flowed westward and northward to meet the IW lines to the north of B001 and B003. In the case of B004, IW piping flowed both north, then west and directly west, into B003.

The soil gas surveys proposed in this subsection are a refinement of those presented in the RFI SOW regarding the sewer systems. Furthermore, the areas shown on Figure 4-1 do not address those other areas of investigation discussed in the RFI SOW.

The soil gas surveys proposed will be conducted as discussed in the RFI SOW. Along the linear portions of the IW piping to be assessed one soil gas sample will be collected each 60 feet along the length of the IW pipes. Beneath B001 a second row of samples will be collected between the western set of IW pipes and the west wall of the building. These soil gas samples will be analyzed as described in the RFI SOW. That is, they will be analyzed for TCA series and TCE series compounds using a GC with ECD and FID detectors and rigorous quality control.

4.1.2 Sediment Sampling

Approximately 8 sediment samples will be collected from manholes in the IW sewers. Sediment samples will not be collected in the two six-inch diameter former cyanide and chrome rinse lines outside the building because these main carrier pipes were cleaned by pressure jet prior to being slip-lined. VOC wastes are not believed to have been placed into these pipes following slip-lining. The 8-inch/10-inch main carrier pipe was also cleaned by pressure jetting prior to televising. This piping, however, had the potential to carry VOCs from B005 South to the IWTF in the period between being televised in 1979 and being replaced by the new pipe-in-a-pipe system in the mid-1980s. Sediment samples will therefore be collected in this 8-inch/10-inch main carrier pipe

and manholes upstream from where flow from the GWCS effluent is introduced (CS124, to the northwest of B001) and downstream from that portion of the pipe which has been plugged (CS119, to the northeast of B003).

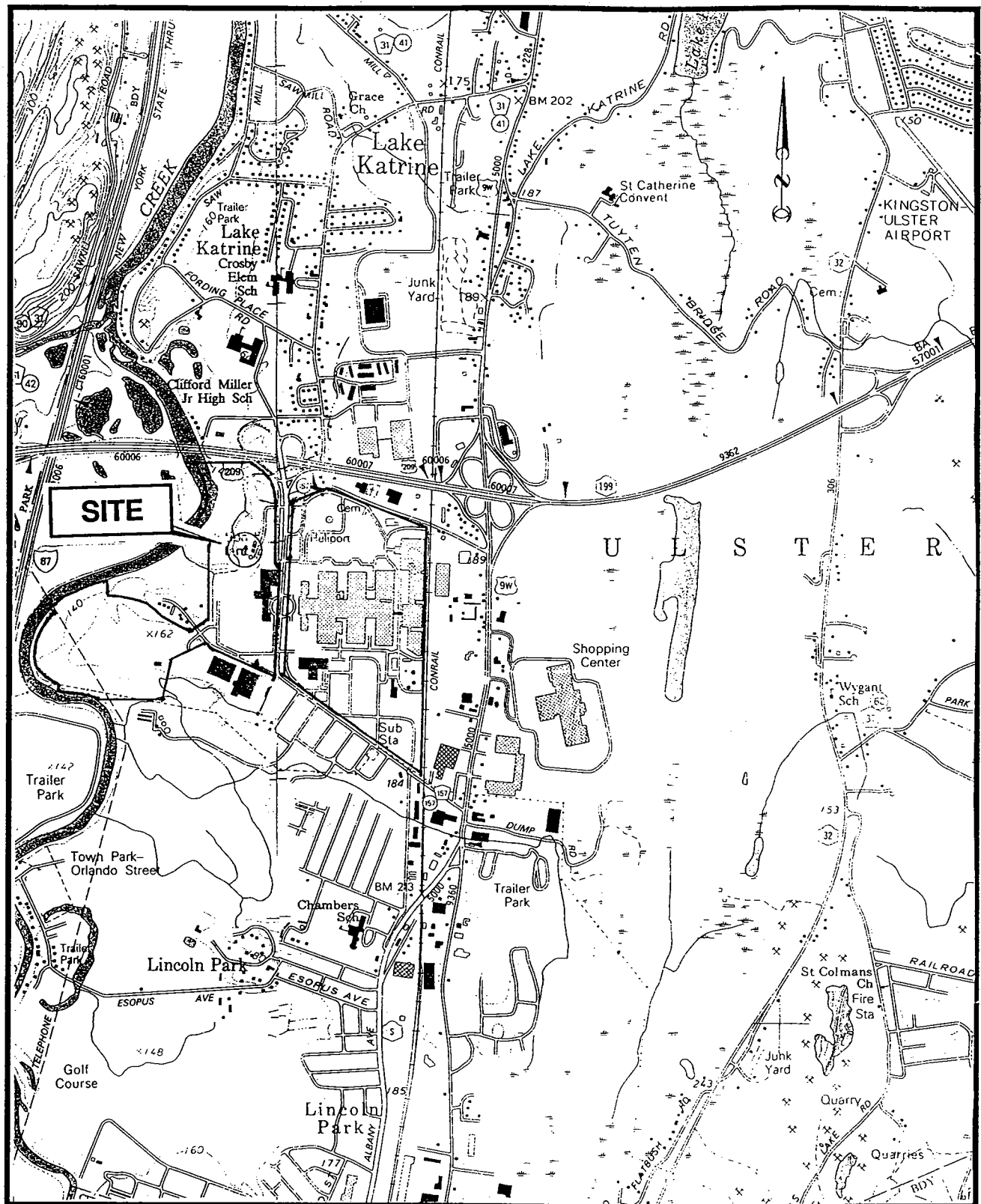
4.1.3 Infiltrated Groundwater Sampling

A sampling program will be conducted of groundwater infiltrating into abandoned IW lines in much the same way as the storm sewer sampling program discussed in Section 2. The IW piping that will be the subject of the survey consists of those portions of the original 6-inch/8-inch/10-inch vitrified clay pipe which have the potential to receive infiltrated groundwater. This survey will therefore focus on these piping systems to the north of B001 and B003 upstream from Neighborhood Road and downstream from the northeast corner of B003. The following manholes will be checked for flow and any flow encountered will be sampled and analyzed for Method 8010 VOCs plus Freon[®]113: CS119, CS110, CS112, CS120, CS121, CS113, CS114, CS122, CS123, and the two six-inch lines and the eight-inch line (not the 10-inch line which receives GWCS water) in CS124. The manhole near the IWTF which formerly received flow from the two six-inch lines (CS115) will also be checked for flow and samples will be collected if flow is present.

4.2 Other Activities

This subsection addresses the potential for flow of impacted groundwater from the North Parking Lot Area plume westward through the utility trenches to the area of the IWTF. To mitigate this potential flow in the utility trenches and in the annular spaces in pipe-in-a-pipe systems which lie in these trenches both will be sealed. The next phase in reaching this objective is a detailed review of this portion of the site and the construction of detailed as-built drawings. This information will be used to design a system which will stop the potential flow of impacted groundwater from the North Parking Lot Area plume to the IWTF area.

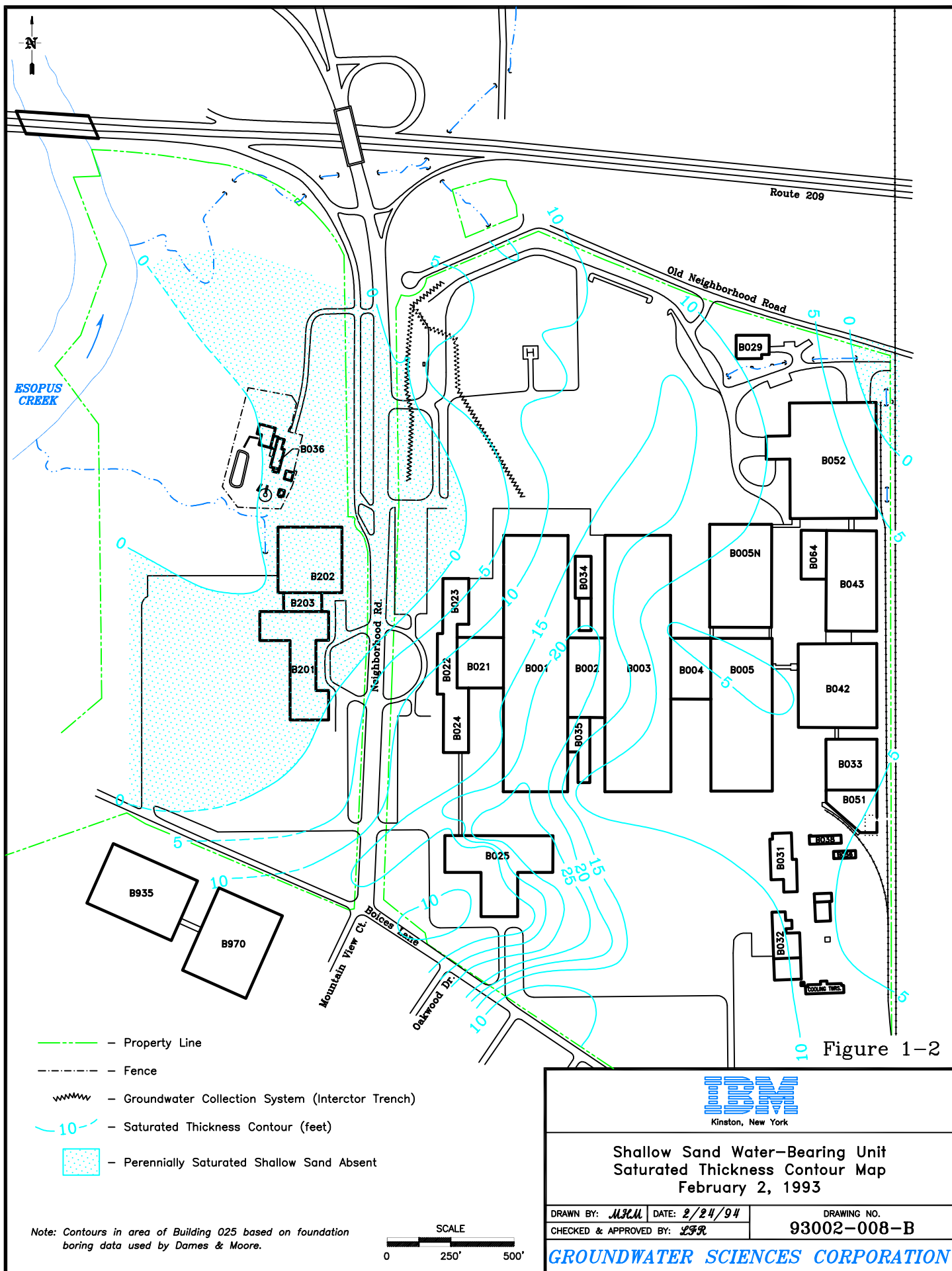
When the sealing of the utility trenches is accomplished only the northern blue arrow shown on Figure 3, representing the other possible portion of the groundwater VOC plume which is not controlled, will remain. This northern situation is beyond the scope of this sewer assessment and will be addressed in the near future. Once the sewer trenches beneath Neighborhood Road and the situation to the northeast of the GWCS are addressed, the two probable gaps shown on Figure 3-1 will have been addressed and both of the main VOC plumes will be controlled.

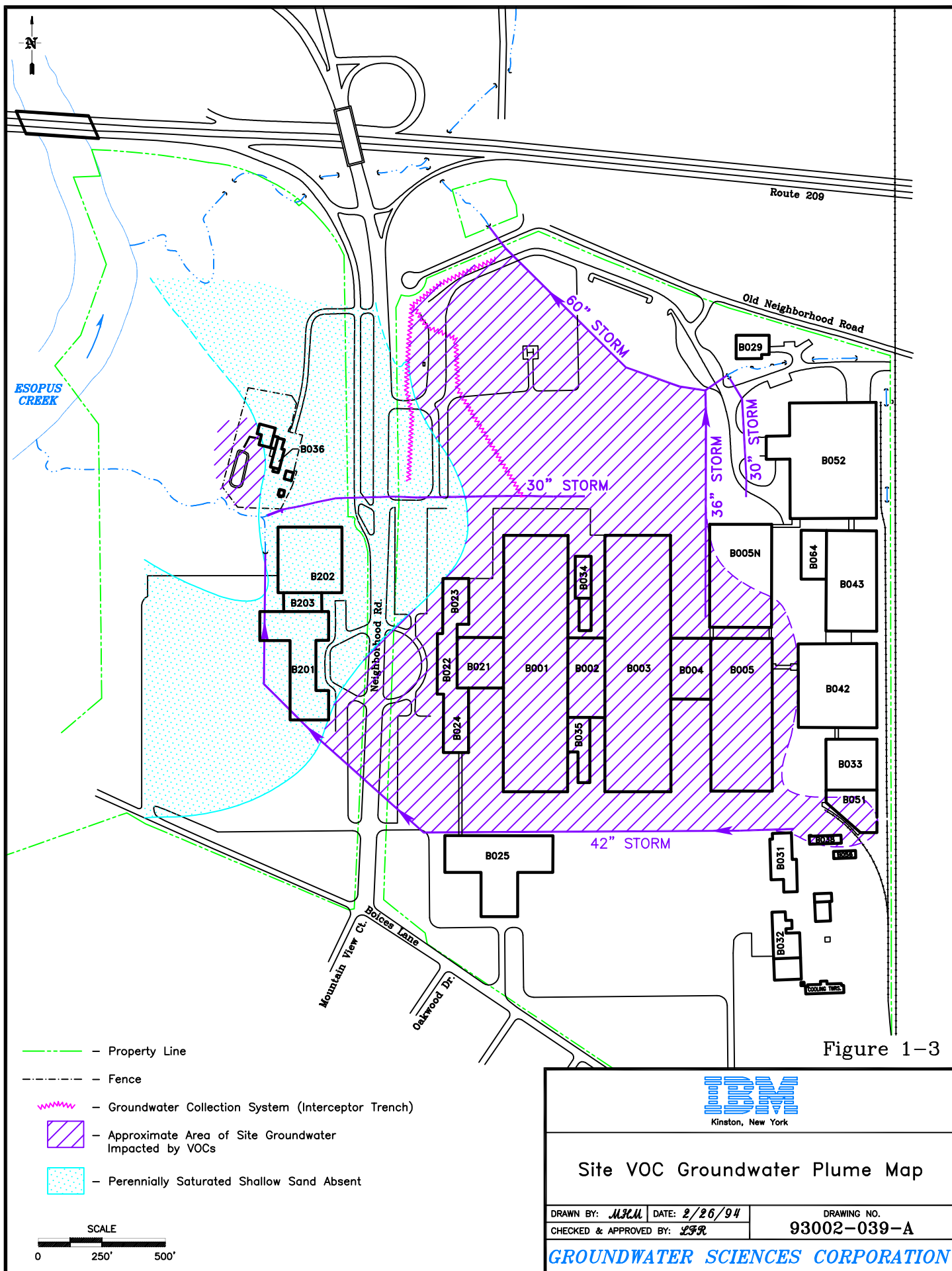


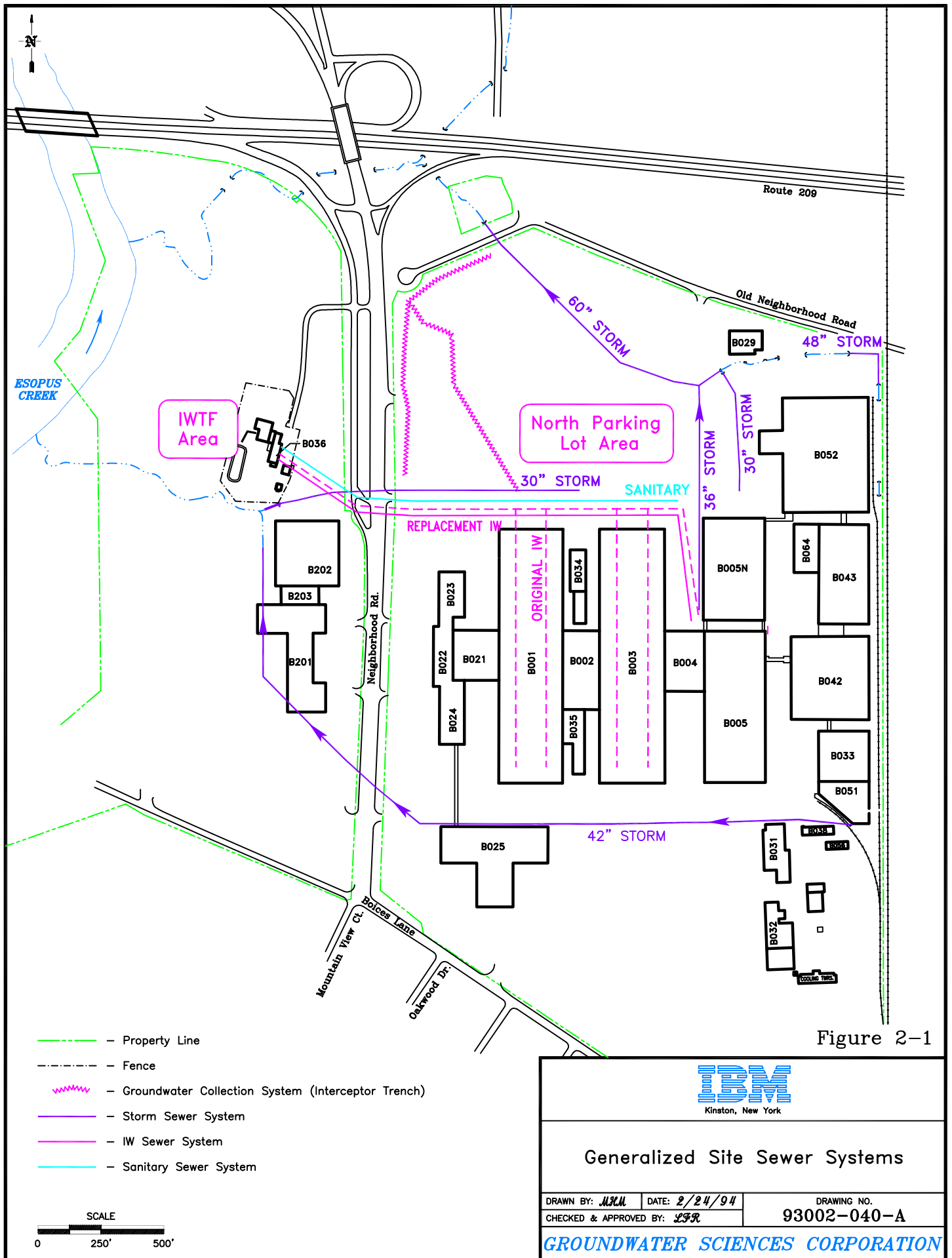
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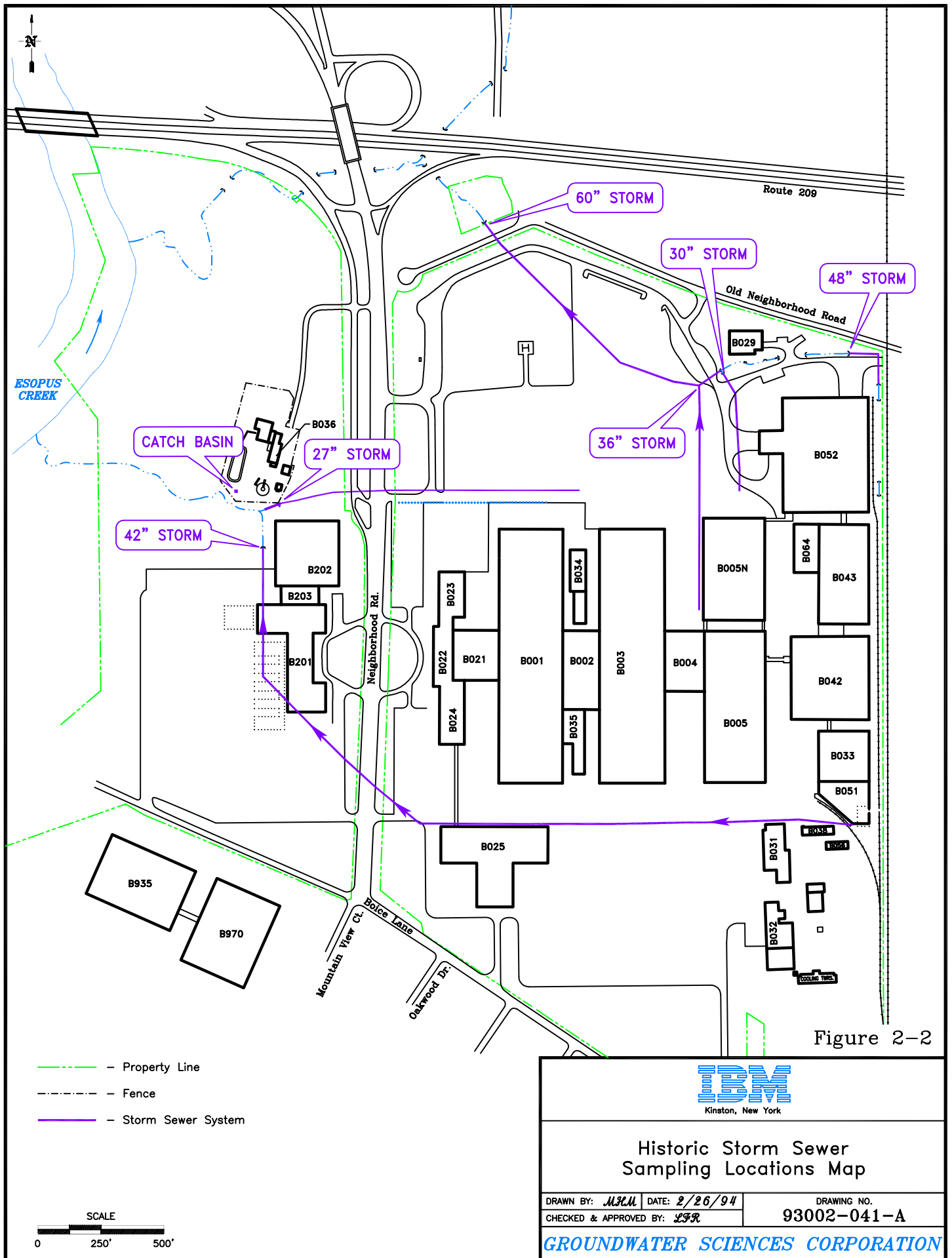
Scale 1 inch = 2,000 feet

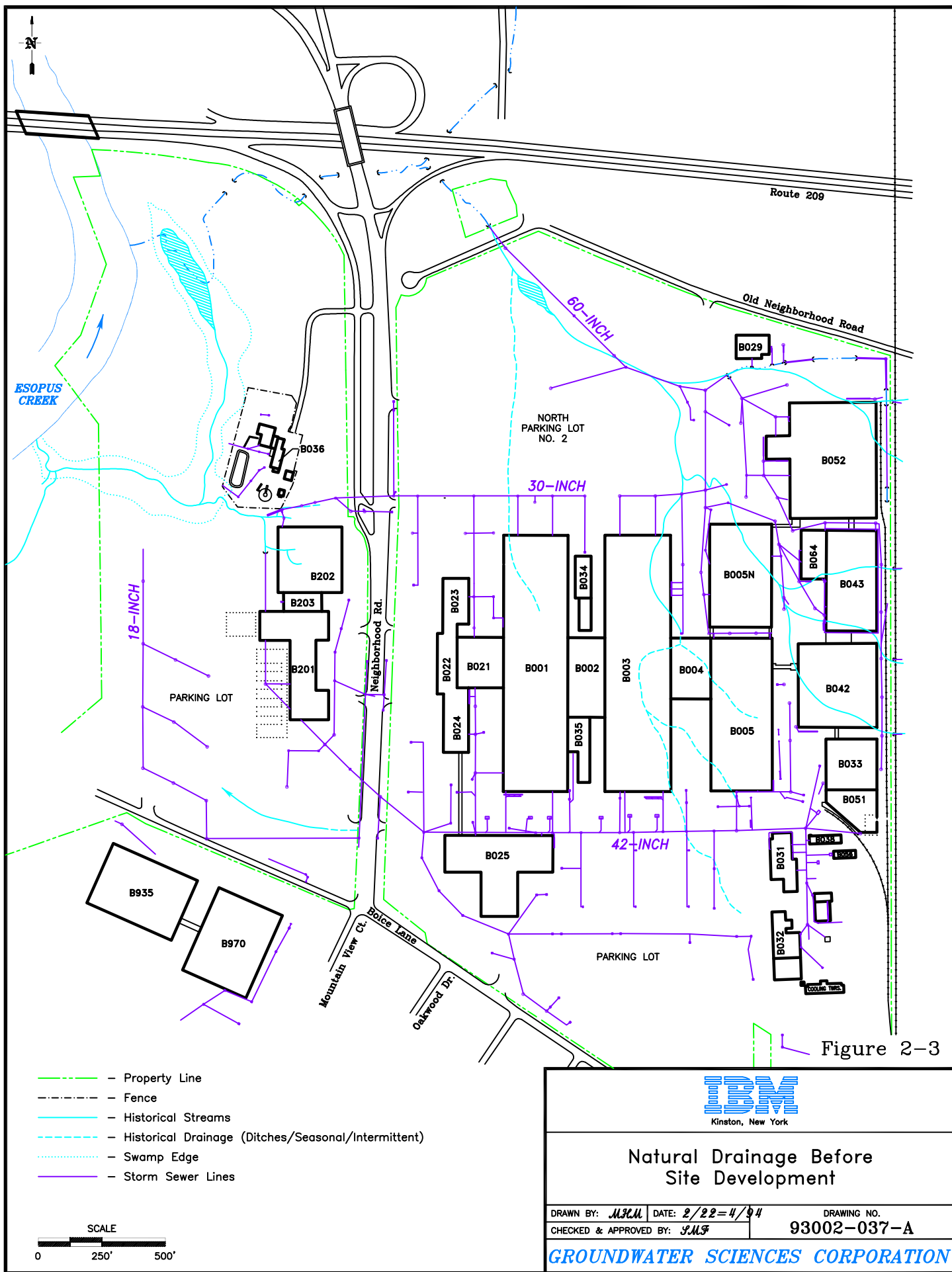
Figure 1-1
 Site Location Map
 Portions of the Kingston West
 and Kingston East 7.5 Minute Quadrangles











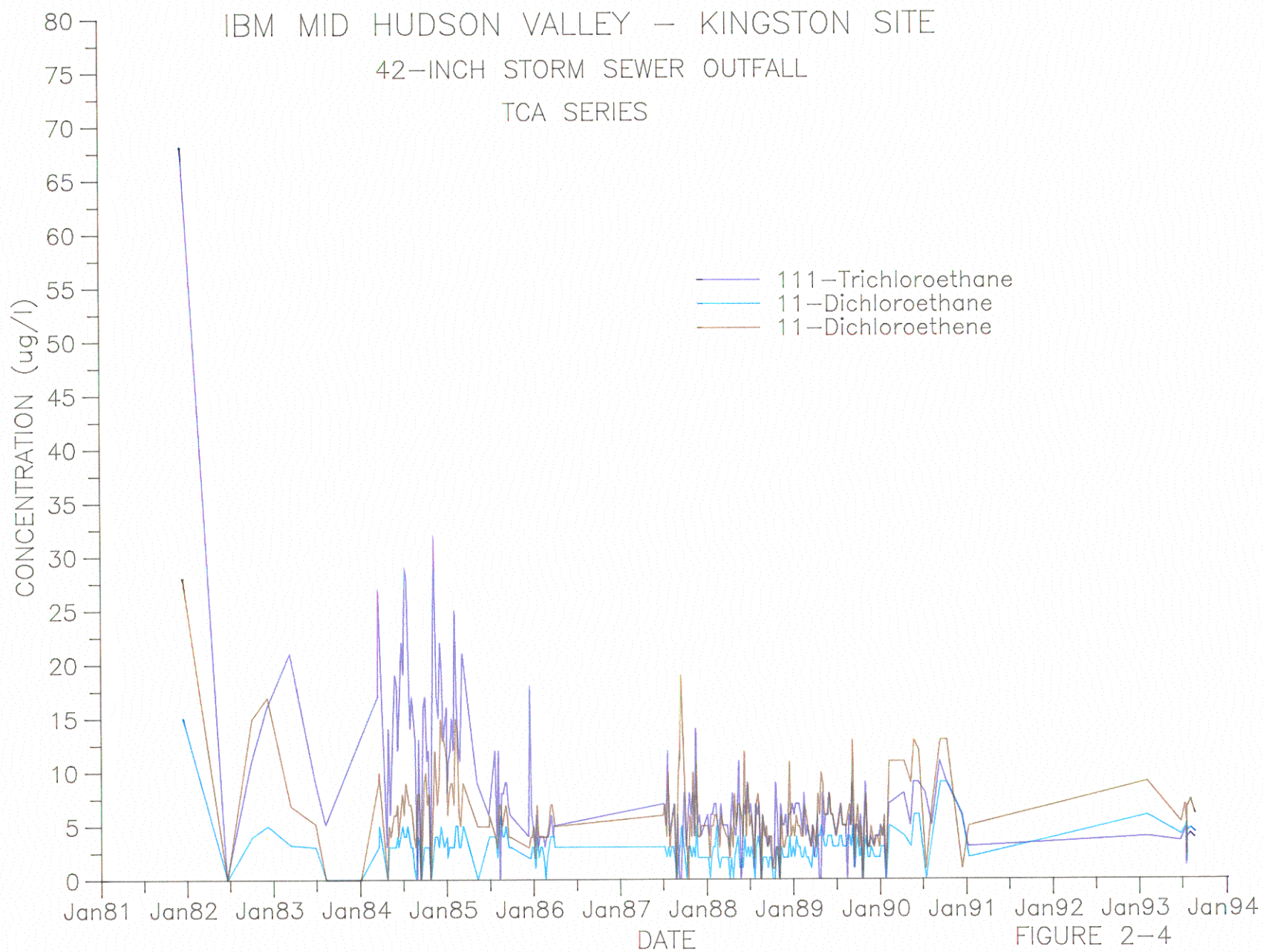
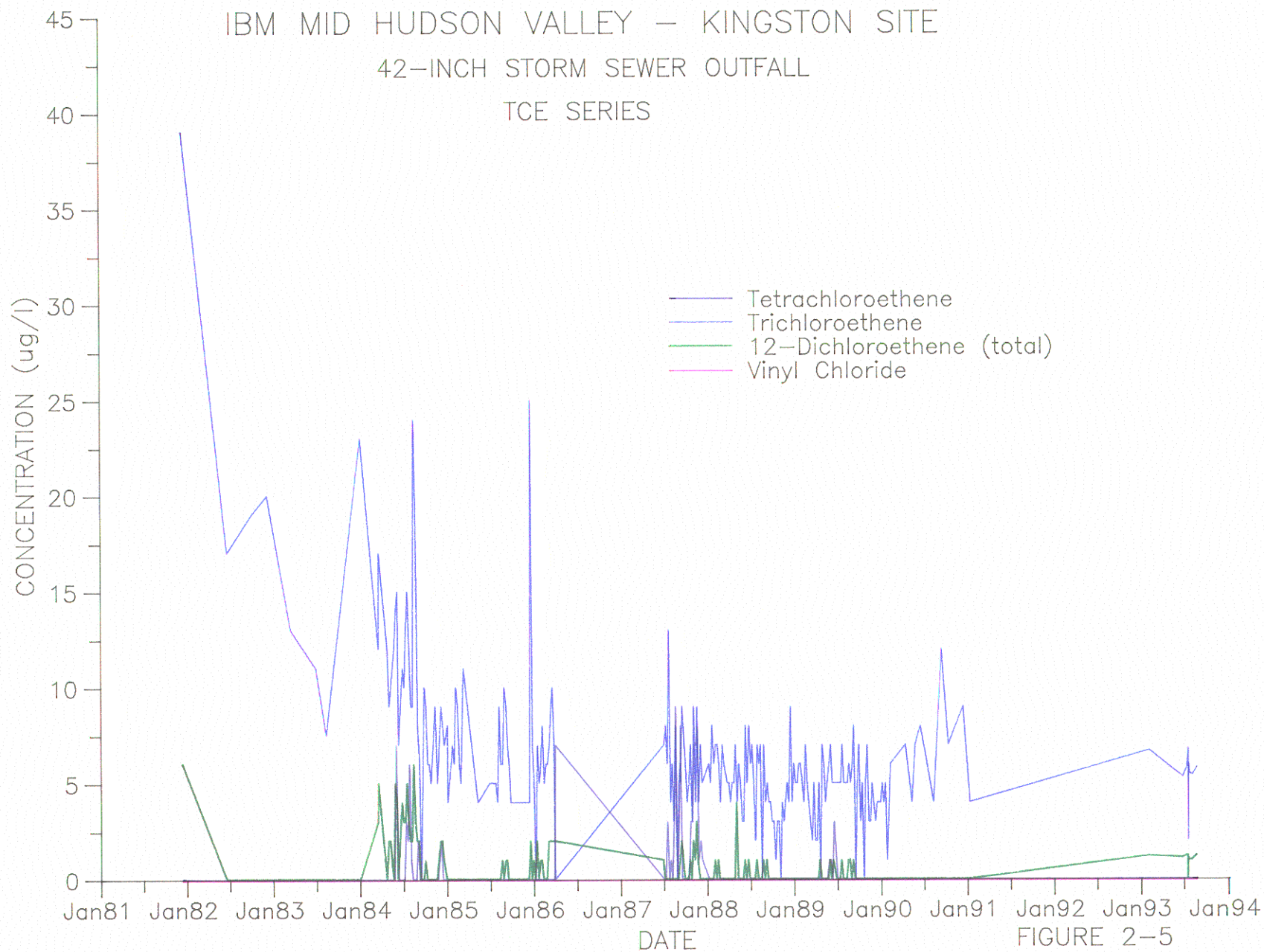
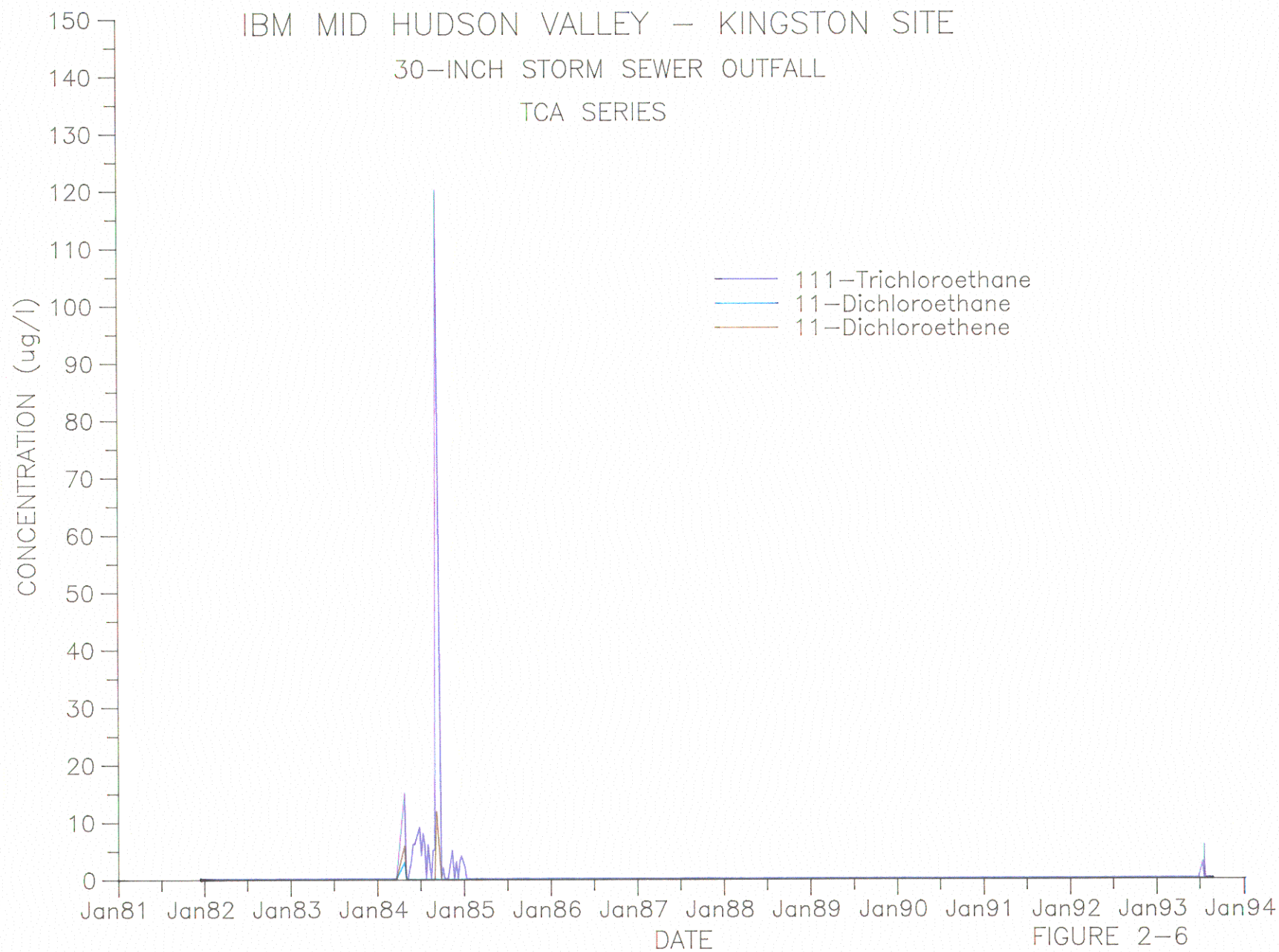
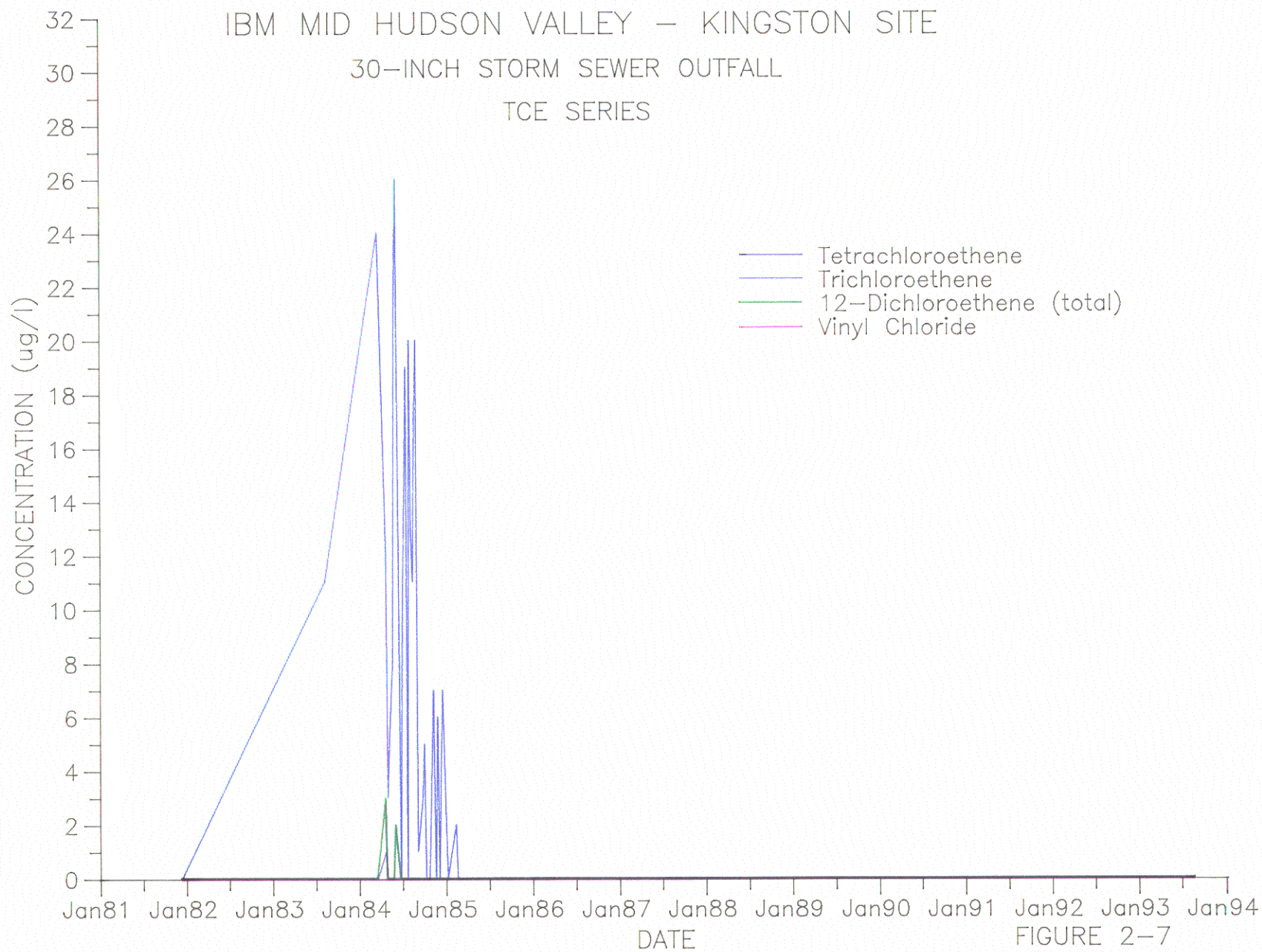


FIGURE 2-4







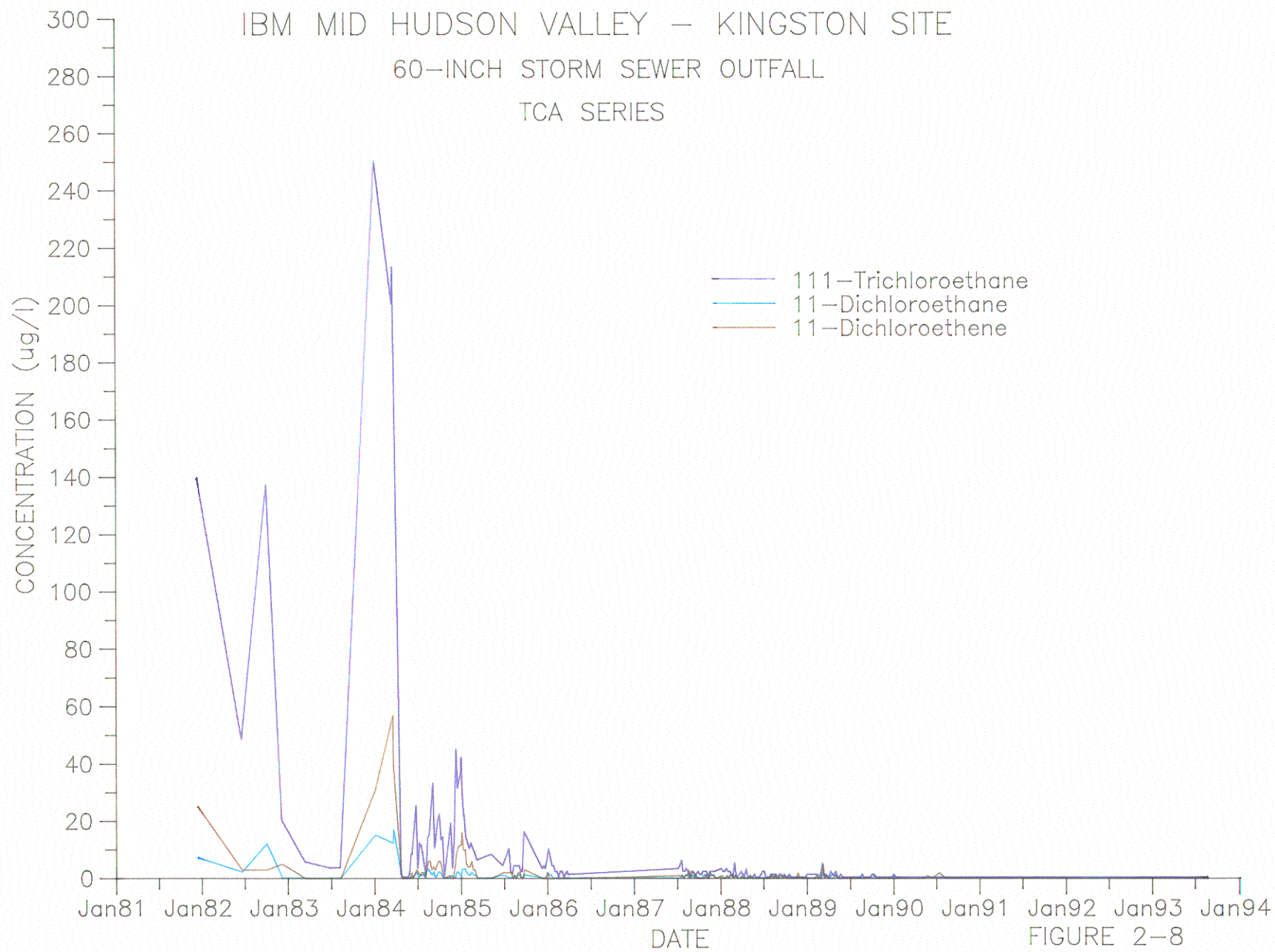
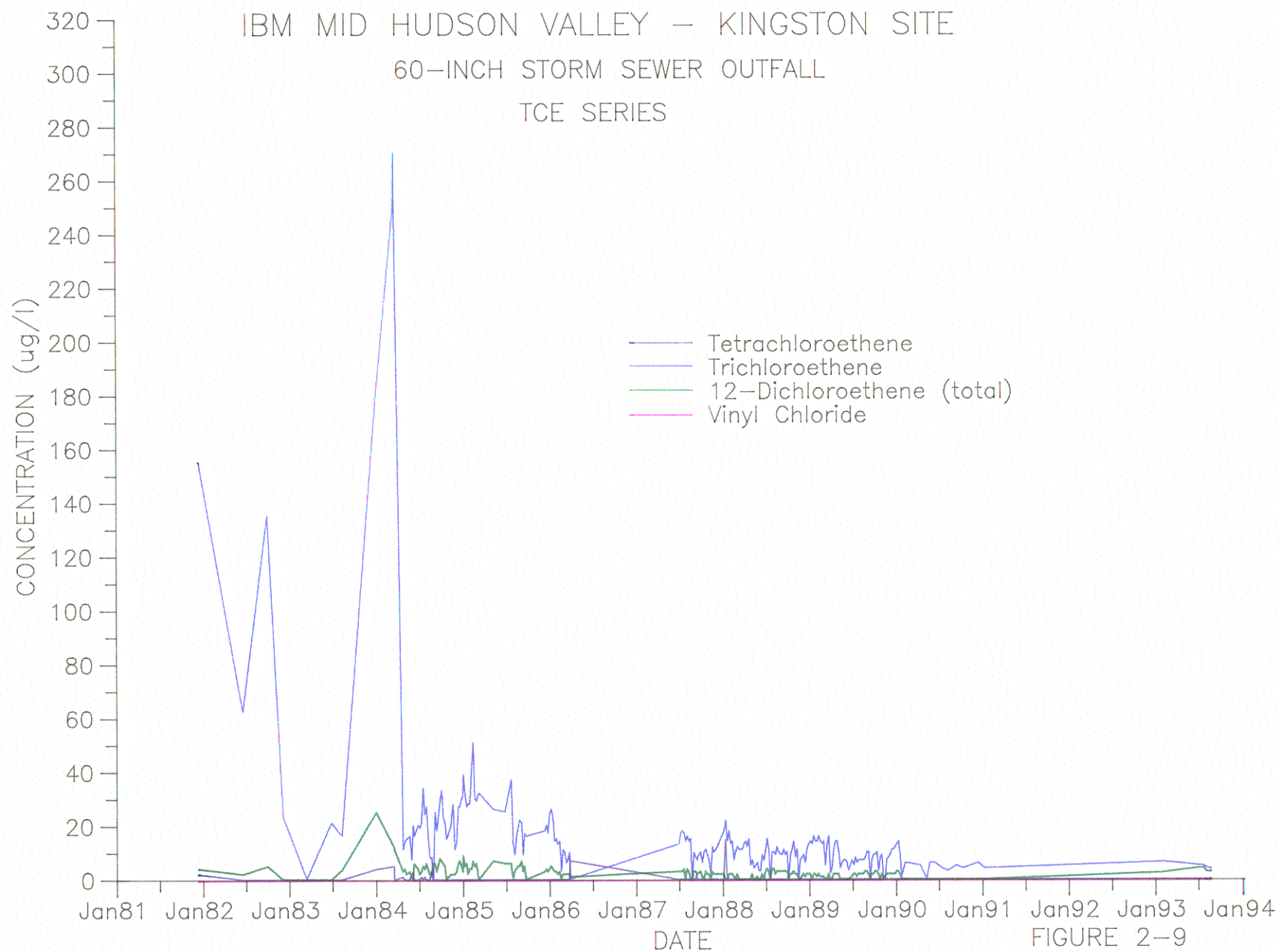


FIGURE 2-8



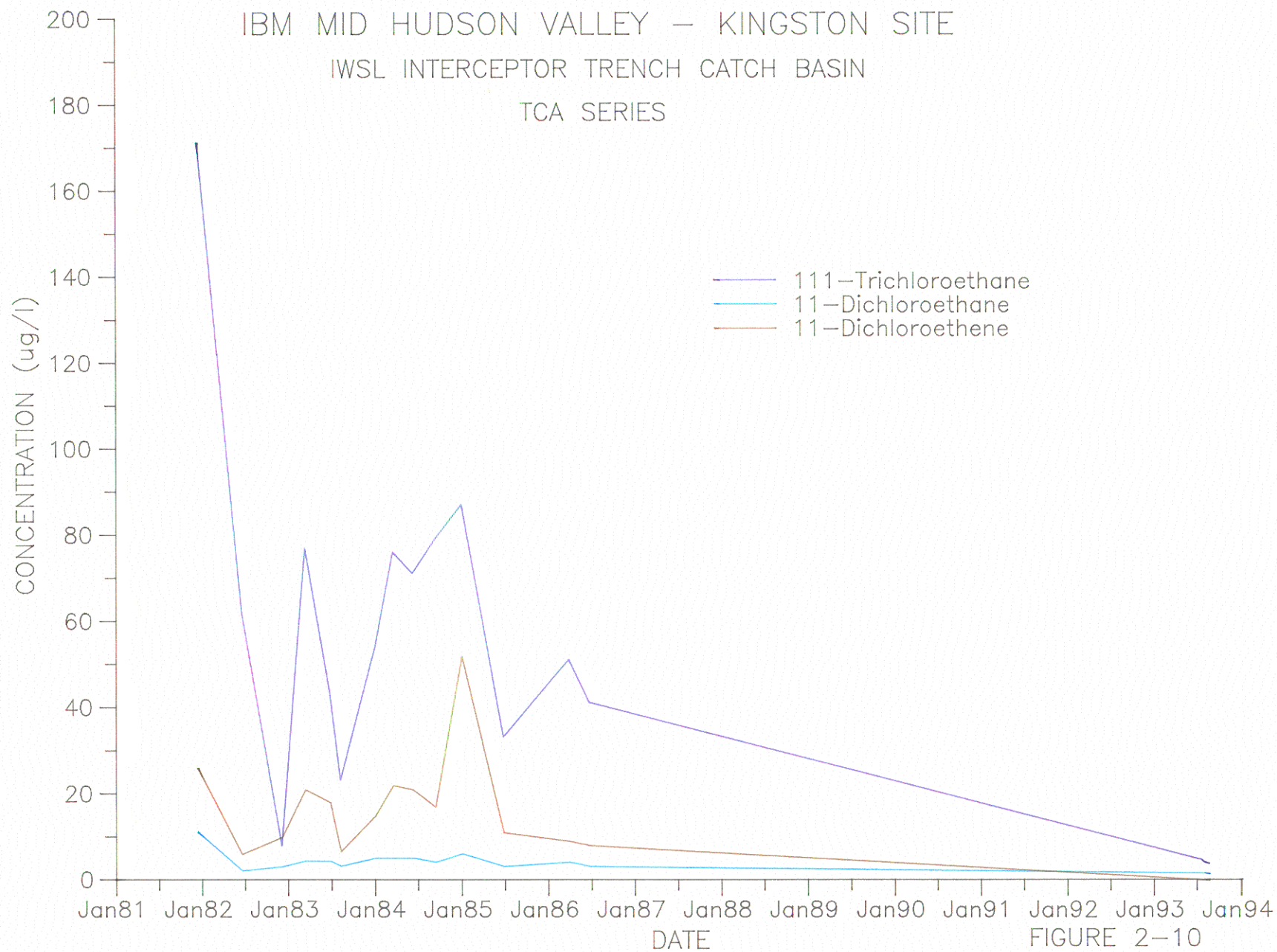
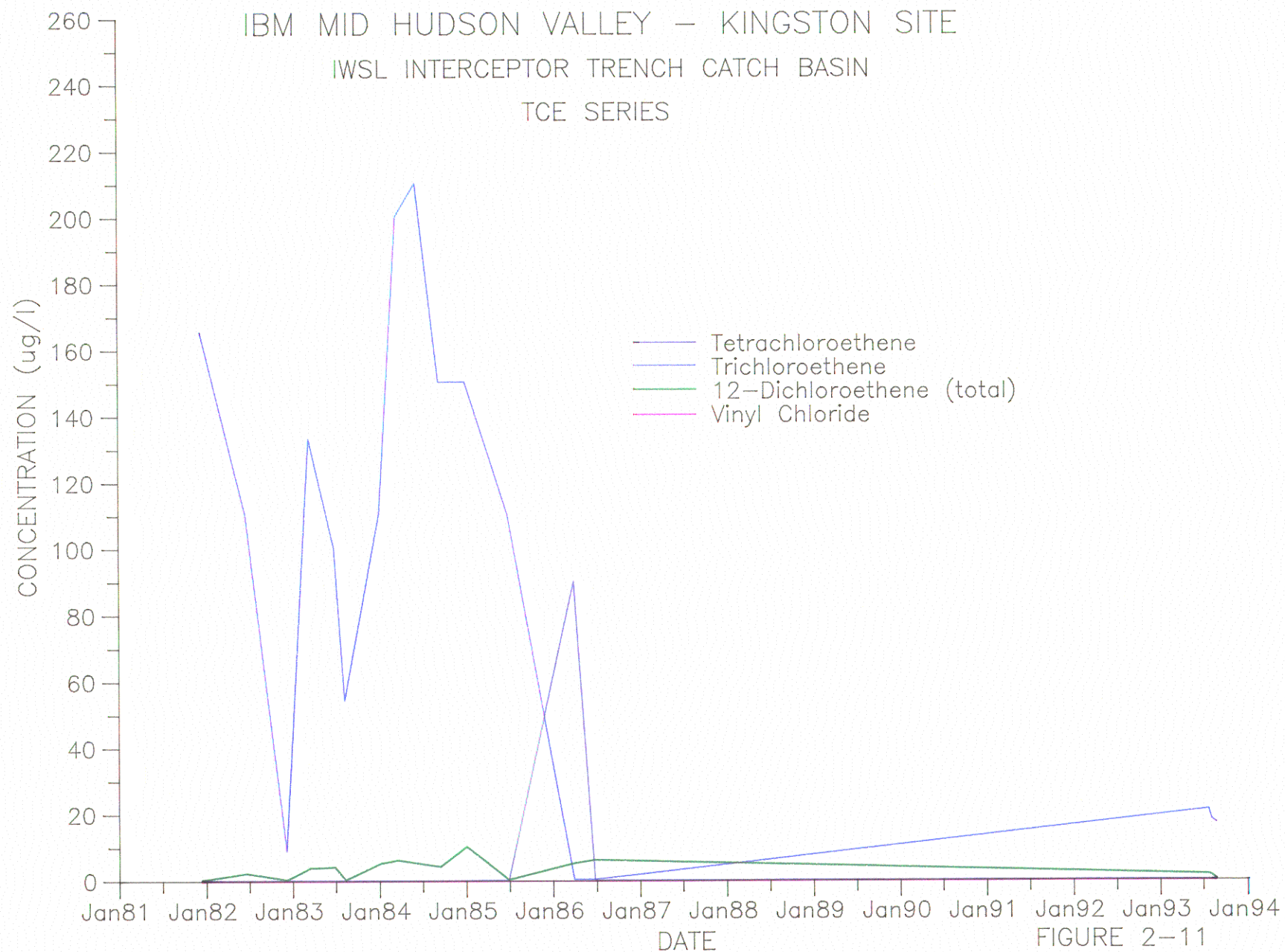


FIGURE 2-10



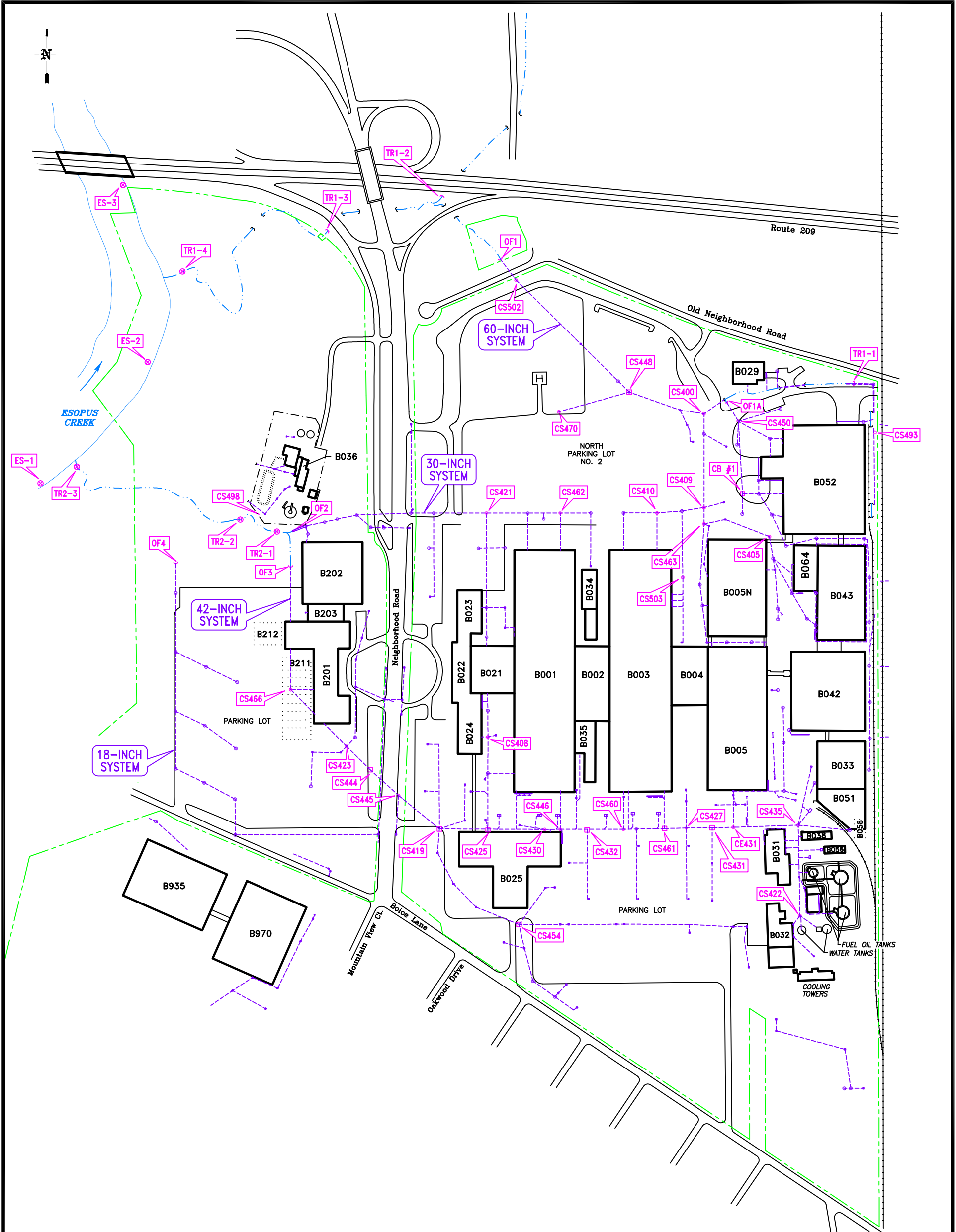
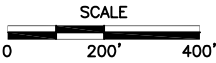



Figure 2-12

- Property Line
- Railroad
- Fence
- Former Building or Structure Location
- — Storm Catchment Basin
- — Storm Manhole
- Active Storm Drain Lines



 Kingston, NY		
Storm Sewer and Surface Water Sampling Location Map		
DRAWN BY: <i>MLM</i>	DATE: <i>2/24/94</i>	DRAWING NO.
CHECKED & APPROVED BY: <i>DAB/LFR</i>		93021-001-B
GROUNDWATER SCIENCES CORPORATION		

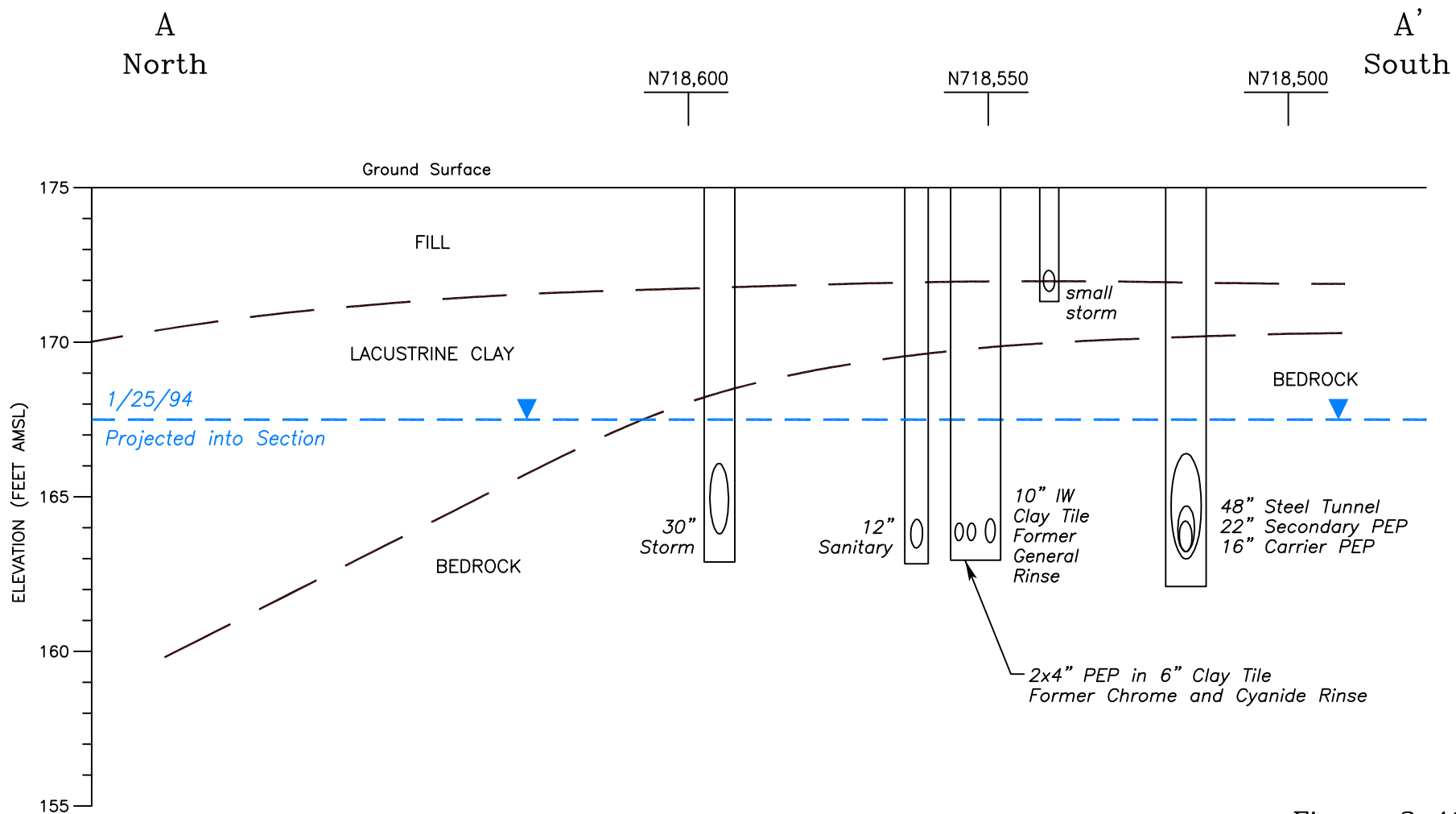


Figure 2-13



Vertical Exaggeration: 5X



Cross Section A-A'
Through Center Neighborhood Road
(only gravity drains are shown)

DRAWN BY: *MJM* DATE: *2/26/94*

DRAWING NO.

CHECKED & APPROVED BY: *EAR/LFR*

93002-CS02-A

GROUNDWATER SCIENCES CORPORATION

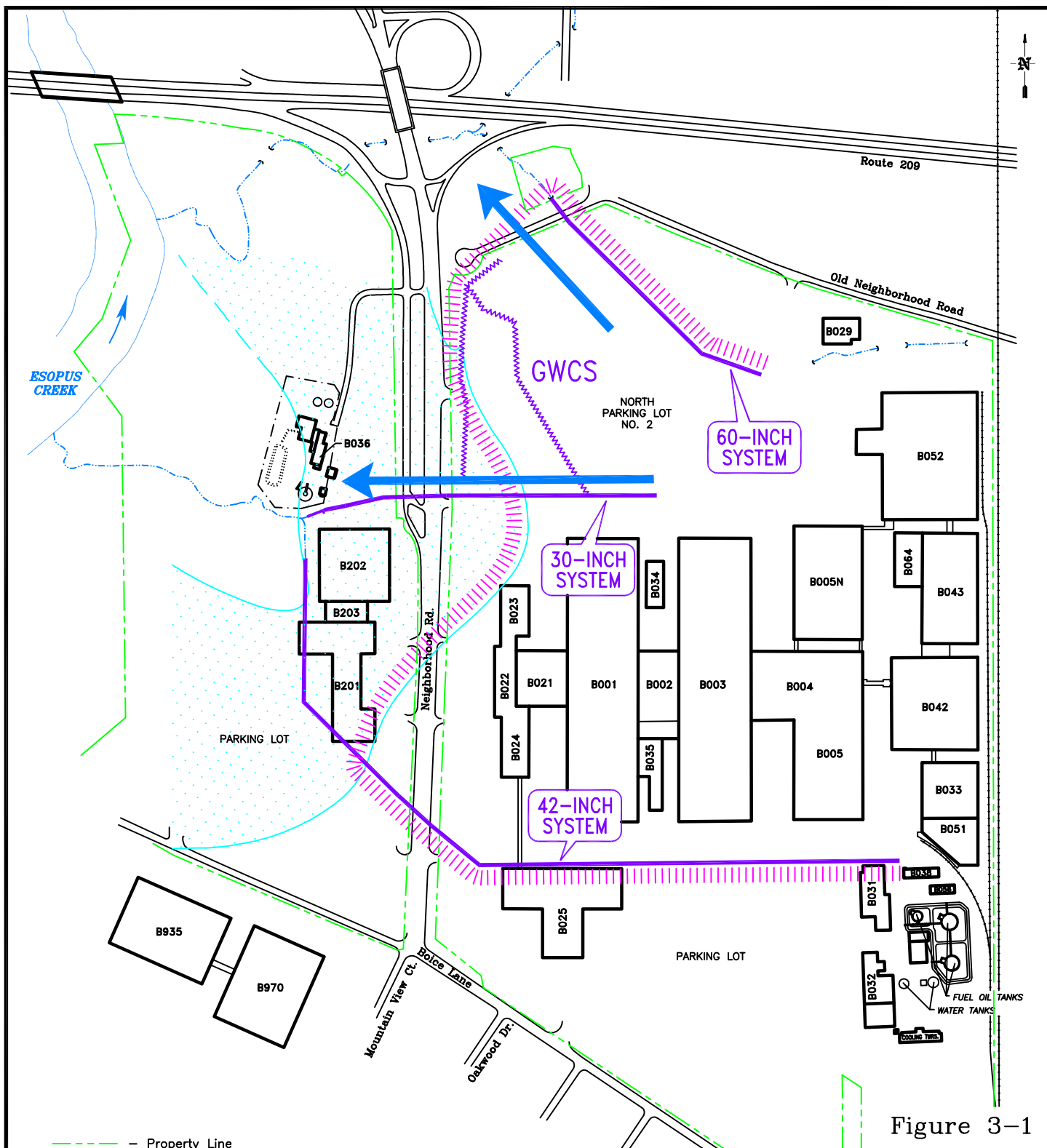


Figure 3-1



Site Control Perimeter

DRAWN BY: *MJM* DATE: 2/22/94

DRAWING NO.

CHECKED & APPROVED BY: *LJR*

93002-031-B

GROUNDWATER SCIENCES CORPORATION

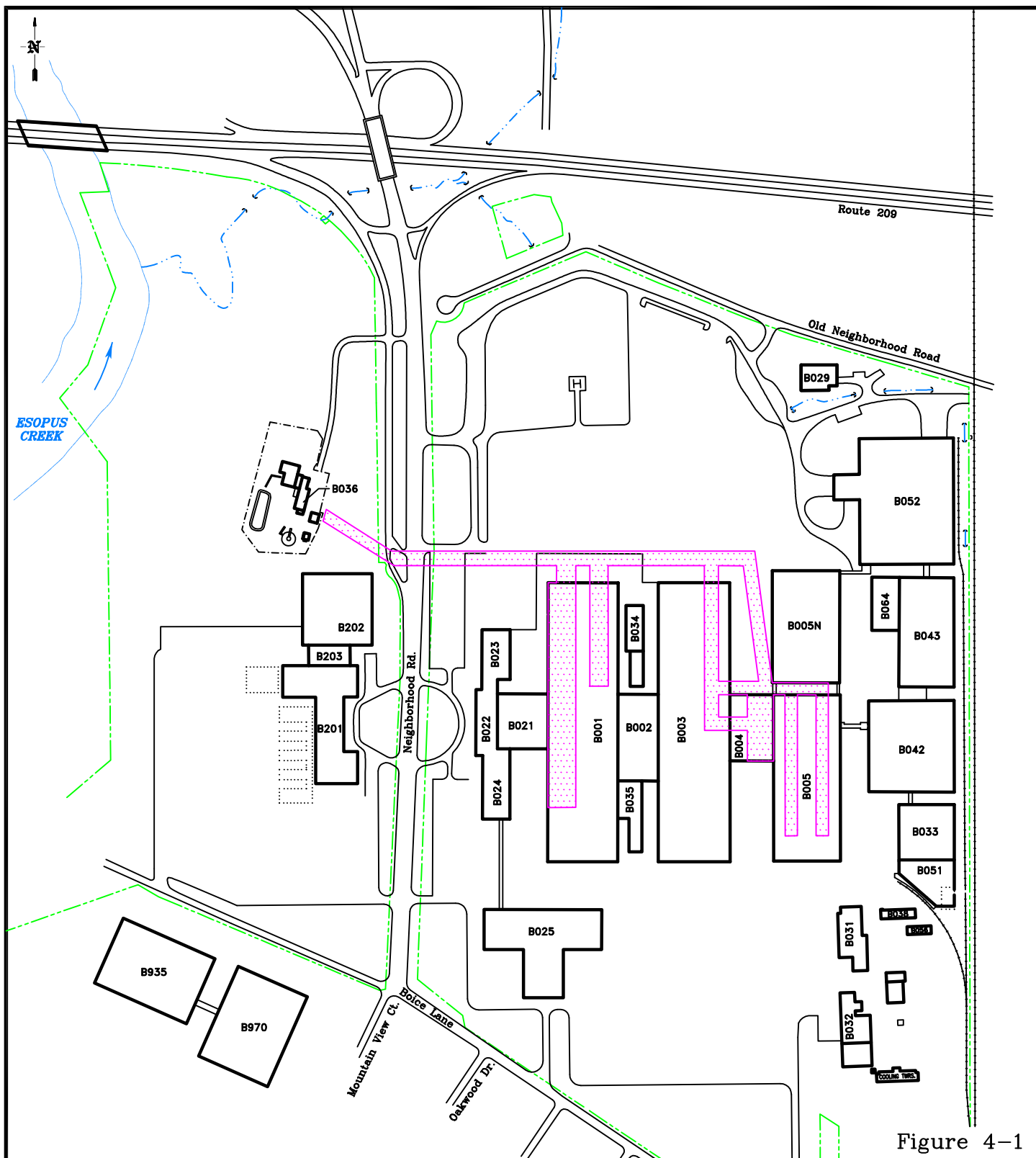


Figure 4-1

- Property Line
- Fence
- Soil Gas Survey

SCALE
0 250' 500'



Additional Industrial Waste Sewer Investigations and Activities

DRAWN BY: *MSM* DATE: *2/24/94*
CHECKED & APPROVED BY: *LJR*

DRAWING NO.
93002-042-A

GROUNDWATER SCIENCES CORPORATION

APPENDIX A
Sewer Inspection Reports
(LMS)

DATE: 18 February 1994

FILE No. 272-227

TO: File

FROM: J. Condello

SUBJECT: IBM Kingston IW Line Field Notes

A field inspection of the IBM Kingston facility IW lines was conducted on Dec. 2,3,6,7,1993. This inspection was conducted to verify the location of IW lines, the presence/absence of flow, access for sampling. This inspection involved opening manholes and pumping stations to view the lines. For identification purposes we used the IBM confined space numbers found on most of the manholes (ex.CS124).

Main IW Line

- CS107B Reg. size MH with open bench pipe. Ultrasonic flowmeter located here. This is combined IW/Sanitary effluent. There was flow of approx. 20-30 gpm.
- CS107 Reg. size MH. Has 3 influent pipes, all approx. 12". These discharge into a single line that goes to CS107B. 2 of the 3 infl. lines were flowing, each had a flow of approx. 10-15 gpm.
- CS147 Round cover over pit near cyclotron. Has partially buried 12" pipe line passing through. Also has a 4" plastic pipe leading into the pit- from where? There is also a gate valve and cyclator effluent emergency shut off. Pit has approx. 8" of water covering the 2 pipes.
- CS148 3.5' dia. heavy cover w/ inner locking lid w/ gasket. Concrete vault w/ High Density Polyethylene (HDPE) liner, had some water in it. Looks to be pipe - in - pipe design, 12" PEP. Large "T" configuration. Each leg has a valve on it. Could not tell which valves were open/closed. These direct flow to the transfer basin or the tanks. No indication of flow, no sampling access.
- CS132 Concrete vault w/ hinged lid. Vault lined w/ HDPE liner, had some water in it. Contains main IW line which is 16" PEP in 22" PEP. Large "T" configuration with 2 valves on

- CS132(cont.) it. These valves apparently allow for shunting of flow from the main infl. to CS131 and the annex building for emergency storage. The valve to CS131 was closed. No indication of flow, no sampling access.
- CS131 Concrete vault w/ hinged lid. Vault lined w/ HDPE liner, had some water in it. There is 16" PEP line from CS132 which branches into 2 lines. Each of these branch lines has a valve on it, which can direct the flow into the North or South Annex tanks. There is also a 4-6" plastic pipe that passes thru chamber, possibly from CS115, going towards the Annex tanks. No indication of flow, no sampling access.
- CS133 3.5' dia. heavy cover w/ inner locking lid w/ gasket. Concrete vault w/ HDPE liner, had some water on bottom. Has main IW line passing thru from CS134 to CS132. There is a new 12" in 16" PEP that enters vault, makes 90° turn down, connects to IW line. There is also a capped pipe leaving the space (drawings indicate abandoned line going to CS115). There is also open pipe heading towards CS151. No indication of flow, no sampling access.
- CS151 Rg. size MH. Has a single line passing in and out. Line is 10" plastic in 12" clay. Appears to come from Bldg. 202 and exits towards CS133. Drawings indicate that this line may go to CS115. It appears to be an abandoned connection to Bldg. 202. No indication of flow, no sampling access.
- CS134 3.5' dia. heavy cover w/ inner locking lid w/ gasket. Concrete vault w/ HDPE liner, had some water in it. Has main IW line passing straight thru from CS135 to CS133. There is a 6" plastic line that connects from CS128. Also have capped line heading towards CS127. Drawings and inspection indicate an abandoned line here. No indication of flow, no sampling access.
- CS128 Rg. size MH. Some standing water and silt. Did see IW line of indeterminate size running thru. There is a large cleanout in this space.
- CS129 Rg. size MH. Some standing water and silt. Could not see the pipe, but could feel that it makes a 90° turn from Bldg. 203 and heads towards CS128.
- CS135 3.5' dia. heavy cover w/ inner locking lid w/ gasket.

- CS135(cont.) Concrete vault w/ HDPE liner, had some water in bottom. Has main IW line passing straight thru from CS136 to CS134. There is a smaller pipe branching off the main line that is capped off. No indication of flow, no sampling access.
- CS136 3.5' dia. heavy cover w/ inner locking lid w/ gasket. Concrete vault w/ HDPE liner, had some water in it. Has main IW line passing straight thru from CS137 to CS135. There is 8" PEP line possibly coming from Bldg. 001 that connects to main line. There is also small, capped pipe coming out main line, opposite the 8" line. No indication of flow, no sampling access.
- CS137 3.5' dia. heavy cover w/ inner locking lid w/ gasket. Concrete vault w/ HDPE liner, had some water in it. Has main IW line passing straight thru from CS139 to CS136. There is 12" PEP line coming in from CS138, which connects to main line. No indication of flow, no sampling access.
- CS138 3.5' dia. heavy cover w/ inner locking lid w/ gasket. Concrete vault w/ HDPE liner, had some water in it. Have 12" PEP line from CS137 connecting to 12" plastic pipe from CS1123. Could hear water running in 12" line. There is also capped line exiting the vault going to CS121. Possible sampling access thru cleanout on 12" line.
- CS1123 Rg. size MH. Had some water in it. Has 10" pipe from CS138 which makes a 90° turn and heads to CS1126. There are also 2 3" plastic DI supply and return lines passing through straight thru the hole, from vicinity of Bldg. 034 to CS1127. Each of these lines has a valve on it. No indication of flow, no sampling access.
- CS1127 Rg. size MH. Had fair amount of water in it. Have 2 DI supply lines from CS1123 passing straight thru to CS1126. Each pipe has a valve on it. No indication of flow, no sampling access.
- CS1126 Rg. size MH w/ 1-2' water in it. Have 2 DI supply lines from CS1127 coming in and ending here. Also have 10" line from CS1123 passing thru. There is a valve on this line. No indication of flow, no sampling access.
- CS139 3.5' dia. heavy cover w/ inner locking lid w/ gasket. Concrete vault w/ HDPE liner, had some water in it. Has

- CS139(cont.) main IW line passing straight thru from CS140 to CS137. There is a 6" plastic pipe from Bldg.003 that comes in parallel to the main, makes a 90° turn down and connects to main line. Also have a 18" line, capped, coming in from direction of Bldg. 003. No indication of flow, no sampling access.
- CS140 3.5' dia. heavy cover w/ inner locking lid w/ gasket. Concrete vault w/ HDPE liner, had some water in bottom. Has main IW line passing thru. Line comes in from CS141 at an angle, makes a 45° turn, and heads to CS139. There is also a 6" in 12" plastic line connected here. Construction drawings indicate that this is for future use. There is also a line, capped, coming in from CS110. This line is abandoned. No indication of flow, no sampling access.
- CS141 3.5' dia. heavy cover w/ inner locking lid w/ gasket. Concrete vault w/ HDPE liner, had some water in it. Has main IW line passing thru from CS142 and makes 45° turn and heads to CS140. There is also a 6" line coming in from Bldg. 005N, makes 90° down, and connects to main line. No indication of flow, no sampling access.
- CS142 3.5' dia. heavy cover w/ inner locking lid w/ gasket. Concrete vault w/ HDPE liner, had some water in it. Main IW line passing straight thru from CS143 to CS141. There is a 6" line coming from Bldg. 005N and connects to main line. There is a clean out on the main line. No indication of flow.
- CS143 3.5' dia. heavy cover w/ inner locking lid w/ gasket. Outer lid is cracked in half. Concrete vault w/ HDPE liner, has some water in it. Has main IW line coming from CS146, makes a 90° turn, and heads for CS142. There is also a 8" line which comes straight in from Bldg 004/005S and connects to main line. Also have a 12" PVC line that comes in from Bldg 004/005S, makes a 45° turn down, and ties into the main line. Could hear water gushing in the pipe, probably from the 12" line. The 2 smaller lines are not found on the drawings. No sampling access.
- CS146 3.5' dia. heavy cover w/ inner locking lid w/ gasket. Concrete vault w/ HDPE liner, had a lot of water in it. Had main line coming in on a downward angle, makes a 90° turn, and goes to CS143. Not sure if line in is from CS101. No indication of flow, no sampling access.

- CS101 Lg. size MH. Some standing water and silt. Could not see any of the piping.
- IWPIT Lg. IW pit running alongside Bldg. 042. Covered w/steel plates, bolted in place. Did not remove covers.

General Rinse Lines:

- CS149 Reg. size MH. Some standing water. 10" PEP runs in from grated pit next to MH, makes a 45° turn down, and exits MH, to where? Possibly to IW influent. No indication of flow, no sampling access.
- Grated Pit Fairly shallow hole w/ gravel in it. Have 10-12" PVC or PEP pipe coming in, which makes a 90° turn and exits. Pipe is busted open at the 90. The discharge end of the pipe is sandbagged and flow is diverted over to the pipe leading to CS142. This might be the 10" General Rinse Line.
- CS115 Lg. double MH. Concrete vault w/ HDPE liner, has some water in bottom. Has 2 4" plastic lines coming in. Each line has a line branch off at 90° and head towards the Annex storage tanks. The lines also continues on straight out to the batch treatment tanks. No indication of flow, no sampling access.
- CS127 Reg. size MH. Has 10" Vitrified Clay Tile (VT) line, slip lined with PE pipe, passing thru from CS126 to ? Slip pipe has been cut open, could see flow ≈ 3-4 fps in the pipe. There is also an abandoned 8" VT line coming in from CS134. Could sample with a dip bucket.
- CS126 Reg. size MH. Has 10" slip lined VT line coming in from CS124, makes a 45° turn, and heads to CS127. Slip pipe has been cut open, could see flow ≈ 3-4 fps in the pipe. Could be sampled with a dip bucket.
- CS124 Reg. size MH. Has 10" slip lined VT pipe coming in from CS123, makes a 45° turn, and goes to CS126. There is also a 2.5" PVC line (from the Interceptor Trench) that comes fairly high in the hole, makes a 90° turn down, and connects to the 10" line. Could hear water running in the 2.5" line. No sampling access.
- CS123 Reg. size MH. Has 10" slip lined VT pipe coming

- CS123(cont.) straight in from CS122, makes a 45° turn and heads to CS124. Pipe is slightly broken at the 45 and could see a trickle of flow. Just before the pipe exits the MH there is a ≈ 2" PVC riser pipe coming up w/ 2 cleanouts. May be possible to sample here.
- CS122 Reg. size MH. Lg concrete vault w/ HDPE liner, vault is flooded with water making it tough to see. There appears to be a 8" PEP passing straight thru from CS121 to CS123. There is also a 8" PEP that comes in from Bldg. 001, makes a 45° turn down, and connects to other line. No indication of flow, no sampling access.
- CS121 Reg. size MH. Has 10" VT that comes in from CS120, makes a 90° turn and goes to CS122. This pipe is an open bench at the 90. Both pipes coming in are slip lined with ≈ 8" poly. There is a 10" PVC in 14" pipe coming in from CS138, and ends here. Drawings indicate this as abandoned. No flow observed, could possible sample the bench.
- CS120 Reg. size MH Has 8" VT pipe coming in from CS112, makes a 45° turn and exits as a 10" VT pipe to CS121. This pipe is busted at the 45. Both pipes are slip lined coming in and out of the hole. There should be 2 6" VT pipes passing straight thru, but we did not see them. No flow observed, could possible sample the bench.
- CS119 Reg. size MH. Has 8" VT pipe coming in from vicinity of Bldg. 005, makes 90° turn and exits towards CS110. Pipe is open bench at the 90. Both pipes coming in and out are slip lined. No flow was observed, could sample bench.
- CS114 Reg. size MH. Has 2-6" VT pipes passing straight thru. Each pipe has been slip lined with 4" poly. pipe. The pipes run in an East-West direction. There is a ≈ 8" VT pipe w/ 4-6" plastic slip line that comes from Bldg 001 and connects to the North line. There is a ≈ 8" steel pipe w/ 4-6" plastic slip line that comes from Bldg.001 and connects to the South line. Each of these connecting lines has a cleanout on them. There should be an abandoned 8" VT line here, did not see it. No indication of flow, possibly sample thru cleanouts.
- CS113 Reg. size MH. Has 2-6" VT pipes passing straight thru from CS112 to CS114. Each 6" line is slip lined w/ 4" poly. pipe. There is a ≈ 8" VT pipe w/ 4-6" plastic slip line that

- CS113(cont.) comes from Bldg. 001 and connects to North line. There is a \approx 8" steel pipe w/ 4-6" plastic slip line that comes from Bldg. 001 that connects to the South line. There is also a 3rd \approx 8" line that comes from Bldg. 001 and ends here. Slip lines all looked intact. There should be an abandoned 8" VT line here, did not see it. No indication of flow, no sampling access.
- CS112 Reg. size MH. Has 2-6" VT pipes passing straight thru from CS110 to CS113. Each 6" line is slip lined w/ 4" poly. pipe. There are 2 4" poly pipes from Bldg. 003 connecting to the 6" lines. The slip lines all look intact. There is also a 8" VT pipe passing thru. This pipe (8"VT) is an open bench in the manhole. There is a 8" VT pipe from Bldg. 003 connecting to this line. The 8" line is slip lined coming in and out of the MH. No indication of flow in the 6" lines, no sampling access. No flow observed in the 8" line, could sample with dip bucket.
- CS110 Reg. size MH. Has 2 6" VT pipes starting here and going to CS112. Each 6" pipe is slip lined w/ 4" poly pipe. On the same vertical plane as the 6" pipe there are 2-10" VT pipes coming in. #1 10" pipe enters the MH at an angle heading towards Bldg. 005N. This use to be connected w/ an extension of North line - it is now capped off. #2-10" pipe enters from Bldg 003, and use to connect w/ an extension of South line - it is now capped off. There are also 2-10" steel pipes w/ 4" poly liners (#3 and #4). These come from Bldg. 003 and enter the MH higher up. #3 comes in, makes a 90° turn down, and connects to North extension. #4 comes in, makes a 90° turn down, and connects to South extension. There is also a 8" VT pipe that passes straight thru from CS119 to CS112. There is a 8-10" VT pipe that enters on an angle from Bldg. 003 and connects to this 8" line. The 8" line is open at the connection, but slip lined (6" poly) elsewhere. There is also a 12-14" pipe, capped from CS140. All 6" VT slip lines are intact. No indication of flow in 6" line, no sampling access. No flow observed in 8" VT line.

Interceptor Trench:

- CS1129 Lg. size MH. Cover cracked in half, did not open.
- CS1130 Lg. size MH. Deep concrete manhole (16'+). Has 2-12" steel pipes emptying into concrete chamber. No flow was

- CS1130(cont.) observed.
- CS1131 Lg. size MH. deep concrete manhole (20'+). MH. did have water in it. There is a lot of electrical boxes and a WaterGuard setup. There is a 2.5" PVC pipe coming into and out of the hole. It appears that this line comes from CS1137. There should also be a pipe bringing water from CS1136, though we did not see this because of the water. It looks like the water is pumped up through the 2.5" line and out of the hole. The 2.5" line then goes thru a small building and then on to CS124. There was a pretty good leak at a union in the 2.5" line before it leaves the hole. Could sample the hole with a dip bucket.
- CS1136 Lg. size MH. Deep concrete MH. Slight solvent smell when we opened the hole. There were 3 pipes in this hole. 1 = 10" metal pipe from CS1137 with no flow in it. 1 = 10" metal pipe from CS11--, which had a flow of 20-30 gpm. The third = 10" metal pipe went to CS1131. Could sample w/ dip bucket.
- CS1137 Lg. size MH. Deep concrete manhole. Had water in the bottom. Could not see the = 10" pipe from CS1136. This hole is wired with electric and has a WaterGuard box. It also has an external light (perhaps to indicate when the hole is full?). A 2.5" PVC line comes from the bottom, makes a 90° turn, and leaves for CS1131. There appears to be a pump setup here. Could sample w/ dip bucket.
- CS1134 Lg. size MH. Deep concrete hole. Has 2 = 10" metal pipes leading into the hole. 1 of these had a flow of = 10 gpm. There was single = 10" pipe leading out towards CS1136. Could sample w/ dip bucket.
- CS11-- Lg. size MH. Concrete hole w/ no water in it. Has 1 = 10" metal pipe leading out to CS1134. Also had a smaller 2-4" pipe coming in that was valved. No flow observed.

MISC. IW HOLES:

- CS---- IW pump station. Located between Bldg. 025 and Bldg. 001. The access manhole was locked. There are also 2 cleanouts located between Bldg. 025 and the pump station.
- CS1210 Reg. size MH. Located between Bldg. 005N and

- CS1210(cont.) Bldg. 003. Has \approx 10" PEP running thru the hole. Hole had water in it. Drawings indicate that this was a lateral connection between the 8" GRL and Bldg.005N. It is now abandoned.
- CS1212 Reg. size MH. Located between Bldg. 005N and Bldg. 003. Has \approx 10" PEP running thru the hole. Pipe does slope towards Bldg. 005N. Hole had water in it. Drawings indicate that this was a lateral connection between the 8" GRL and Bldg.005N. It is now abandoned.
- CS116 Huge fiberglass pumping chamber. Has lg. rect. fiberglass lid. Chamber appears to be 2 levels. Top level has several holes that go through to bottom. Remnants of pumping hardware on top level. Difficult to see anything in the lower level. Had some water in the bottom.
- CS116A Lg. fiberglass MH. w/ fiberglass lid. Has a single pipe passing thru. Pipe appears to go from CS116 to IW pit along Bldg. 042. This is a 8" plastic pipe in a 12" fiberglass pipe. No indication of flow, no sampling access.
- CS--- Lg. fiberglass pumping chamber. Located between tank farm and Bldg. 031. Chamber had water in the bottom of it. 6" pipe coming in from Bldg. 031, has flow \approx 1-2 gpm. This is possible Boiler Blowdown water. Also had a 8" line which is capped coming in from the tank farm direction. Also have 2.5" pipe coming in, possible stormwater overflow. Chamber has 2 pumps w/ 4" plastic lines coming out. These connect to a single 6" in 12" plastic line. Pumps were not operating when we observed them.

DATE: 18 February 1994
TO: File
FROM: J. Condello
SUBJECT: IBM Kingston Sanitary Line Field Notes

A field inspection of the IBM Kingston facility sanitary line was conducted on Dec. 2,3,6,7,1993. This inspection was conducted to verify the location of Sanitary lines, the presence/absence of flow, access for sampling. Prior to going in the field the field crew compiled and reviewed drawings provided by Groundwater Sciences, Brinnier and Larios, and Dames and Moore. This inspection involved opening manholes and pumping stations to view the lines. For identification purposes we used the IBM confined space numbers found on most of the manholes (ex. CS124).

Sanitary Sewer

- CS107B Regular size manhole. Open bench 12" pipe with Ultrasonic flowmeter in it. This is the combined IW/San effluent. There was a flow of approx. 20-30 gpm.
- CS107 Regular size manhole. Has 3 influent pipes, all approx. 12" dia. These discharge into a single line that goes to CS107B. 2 of the 3 infl. lines were flowing, each had a flow of approx. 10-15 gpm.
- CS--- Sanitary pit. Main sanitary line coming into IW plant. There is some sort of mechanical mixer/agitator
- CS--- Square manhole cover. Small pit with 10-12" sanitary line coming in, makes a 90° to "mixer" pit. There is a flowmeter here going to IW plant. Pipe is open bench design.
- CS214 Reg. size MH. Has 2 10-12" lines coming in. 1 is main sanitary line from CS221, the other is from CS222. Both pipes had flow in them, both were open bench design.
- CS222 Reg. size MH. Has a single line passing through from Bldg. 202 to CS 214. There was some flow here, pipe was an open bench.

To: File
From: J. Condello

18 February 1994
Page2

- CS221 Reg. size MH . Junction of sanitary flow from Bldg.203 and the main sanitary line. Flow from Bldg. 203 came from CS224 in a 8" pipe.Flow from the main sanitary line came from CS219 in a 10-12" pipe.
- CS224 Reg. size MH. Has single line in and out. Straight run from CS223 to CS221, in a 8" pipe.
- CS223 Reg. size MH. Hole was locked. Could not open.
- CS--- Reg. size MH. Has a single line in and out. Pipe comes straight out of Bldg.203, makes a 90° turn and goes to CS223. Did see a slight flow.
- CS219 Reg. size MH. Has main sant. line going to CS221. There is a small 4" line coming in from CS233. There was a trickle of flow from CS233. Had good flow in the main line.
- CS233 Reg. size MH. Hole was locked. Could not opened.
- CS--- Reg. size MH. Hole was filled with liquid. Listed on drawings as a septic tank. Could not see any detail in the hole.
- CS236 Reg.size MH. Has 2 pipes entering and 1 exiting. Exit pipe is 12" PVC and goes to septic tank. 1 inlet pipe is 12" metal and comes from the guard shack. The other line is a 12" PVC and it heads towards the Helipad. This line is not listed on the drawings, possible just a stump.
- CS1090 Sewage pump station with a single pipe coming in from Bldg. 029. There are 2 pumps in the sump leading to a single discharge line. All lines appear to be 8" steel pipe.
- CS240 Reg. size MH. Has a single line coming from Bldg. 052, makes a 90° turn and goes to CS202. This hole was flooded and silted in.
- CS202 Sewage pump station which was locked.
- CS207 Reg. size MH. Has 3 pipes leading in and 1-12" pipe leading out. There is a 6" metal pipe from pump station CS202, a 12" line from CS1211, and a 4"line from pump station CS1090.

- CS1211 Reg. size MH. Has single line going in and out. Line is 12" transite pipe.
- CS206 Reg. size MH. Has a 10" transite pipe running through and 6" metal pipe coming in from Bldg. 005N. 10" pipe was broken open to make the connection from Bldg. 005N.
- CS205 Reg. size MH. Has 2 lines coming in and 1-8" transite line going out. 1 inlet line is 4-6" metal pipe possibly from pump station CS201. The other inlet line is 4-6" metal possibly from pump station CS200.
- CS201 Sewage pump station with reg. size MH. There is definitely 1 line coming in from Bldg. 064, and pretty sure there is 1 coming from Bldg. 043. There is an electrical box in the way. 2 pumps in the sump leading to a single discharge. Discharge pipe is 4" steel pipe.
- CS203 Reg. size MH. Has the main sanitary line 12" pipe with a T connection from Bldg. 003. Pipe discharges to CS220.
- CS220 Reg. size MH. Has main 12" sanitary line passing through. There are 2 connecting pipes. 1 from Bldg. 034 and the other is a 4" line that appears to come from the parking lot. This was originally the line for the guard shack but now it is abandoned.
- CS204 Reg. size MH. Has main 12" sanitary line passing through and a T connection from Bldg. 001.
- CS217 Reg. size MH. Has main 12" sanitary line passing through and a 12" T connection from CS250.
- CS250 Reg. size MH. Has a single line coming in and out from CS218 to CS217. Flow was observed.
- CS218 Reg. size MH. Has a line running from CS216 to CS250 and a T connection from Bldg. 023.
- CS216 Reg. size MH. Has a single line coming in and out from CS208 to CS218.
- CS208 Reg. size MH. Has a 10" metal pipe coming from CS209 and going to CS216. There is also a 8" metal pipe that

To: File
From: J. Condello

- CS208(cont.) comes from Bldg. 024 but does not appear on the drawings. Flow was observed in the 10" pipe.
- CS209 Reg. size MH. Has a single line coming in and out. Line comes out from Bldg. 024, makes a 90° turn and goes to CS208. Pipe is red brick, open bench. Flow was observed.
- CS229/225 Sewage pump station which was locked. Appears to come from Bldg. 025 heading towards Bldg. 001.
- CS200 Sewage pump station with a single 8-10" pipe coming in. There are 2 pumps in the sump with a single discharge. The inlet appears to come from the Bldg. 031 area and the discharge appears to go to CS205.
- CS227 Sewage pump station with a 4" pipe leading in, from Bldg. 031. There are 2 pumps in the sump leading to a single discharge.

APPENDIX B

Historic Storm Sewer Sampling Data

Supplemental Storm Sewer Outfall Data Report

Historic Storm Sewer Sampling Data

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Outfall Data Report
Last Updated: 01/18/94

30" STORM

SAMPLE LOCATION	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
SAMPLE DESCRIPTION	12/16/81	08/12/83	03/22/84	04/26/84	05/03/84	05/10/84
SAMPLE DATE	81-12-9622-1	83-9-12820-9	84-3-480-A	84-4-701-A	84-5-749-A	84-5-795-A
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa5	NDa3	NDa1	NDa10	NDa1	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa3	NDa1	15	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa3	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa3	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa3	NDa1	3	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa3	NDa1	6	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa3	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa3	NDa1	3	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa2	NDa3	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
1-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NDa200	NDa100	NDa100	NDa100	NDa100	NDa100
ACRYLONITRILE	ug/L	NDa200	NDa100	NDa100	NDa100	NDa100	NDa100
BENZENE	ug/L	NDa5	NDa3	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa3	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa2	NDa3	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa5	NDa3	NDa1	NDa10	NDa1	NDa10
CARBON TETRACHLORIDE	ug/L	NDa1	NDa3	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa3	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa3	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa5	NDa3	NDa1	NDa10	NDa1	NDa10
CHLOROFORM	ug/L	NDa1	NDa3	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa5	NDa3	NDa1	NDa10	NDa1	NDa10
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa2	NDa3	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa3	NDa1	NDa10	NDa1	NDa10
ETHYLBENZENE	ug/L	NDa5	NDa3	NDa1	NDa1	NDa1	NDa1
ETHYLENE CHLORIDE	ug/L	NDa1	NDa3	NDa1	NDa1	1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa3	NDa1	1	NDa1	NDa1
TOLUENE	ug/L	NDa5	NDa3	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa2	NDa3	NDa1	NDa1	NDa1	NDa1

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Outfall Data Report
Last Updated: 01/18/94

30" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

30" STORM STORM SEWER 12/16/81 81-12-9622-1 01	30" STORM STORM SEWER 08/12/83 83-9-12820-9 01	30" STORM STORM SEWER 03/22/84 84-3-480-A 01	30" STORM STORM SEWER 04/26/84 84-4-701-A 01	30" STORM STORM SEWER 05/03/84 84-5-749-A 01	30" STORM STORM SEWER 05/10/84 84-5-795-A 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE ug/l	ND@1	11	24	12	3	5
TRICHLOROFLUOROMETHANE ug/l	ND@1	ND@3	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE ug/l	ND@5	ND@3	ND@1	ND@10	ND@1	ND@10
CHLORYLENE, TOTAL ug/l	NA	NA	NA	NA	NA	NA

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Outfall Data Report
Last Updated: 01/18/94

30" STORM

SAMPLE LOCATION	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
SAMPLE DESCRIPTION	05/24/84	05/31/84	06/07/84	06/28/84	07/05/84	07/12/84
SAMPLE DATE	84-5-894-A	84-5-920-A	84-6-973-A	84-6-1096-A	84-7-1124-A	84-7-1173-A
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	3	6	6	9	4	8
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa2	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa2	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa2	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa2	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa2	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa2	NDa1	2	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa2	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
ACRYLONITRILE	ug/L	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
BENZENE	ug/L	NDa2	NDa1	NDa1	NDa1	NDa1	5
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa2	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa2	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa2	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa2	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa2	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa2	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa2	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa2	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa2	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa2	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa2	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa2	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa2	NDa1	1	NDa1	NDa1	27
TETRACHLOROETHYLENE	ug/L	NDa2	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa2	1	1	NDa1	NDa1	3
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa2	NDa1	NDa1	NDa1	NDa1	NDa1

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Outfall Data Report
Last Updated: 01/18/94

30" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

30" STORM STORM SEWER 05/24/84 84-5-894-A 01	30" STORM STORM SEWER 05/31/84 84-5-920-A 01	30" STORM STORM SEWER 06/07/84 84-6-973-A 01	30" STORM STORM SEWER 06/28/84 84-6-1096-A 01	30" STORM STORM SEWER 07/05/84 84-7-1124-A 01	30" STORM STORM SEWER 07/12/84 84-7-1173-A 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	8	21	26	ND@1	10	14
TRICHLOROETHYLENE ug/l	ND@2	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE ug/l	ND@2	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE ug/l	NA	NA	NA	NA	NA	NA
XYLENE, TOTAL ug/l						

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Outfall Data Report
Last Updated: 01/18/94

30" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

30" STORM STORM SEWER 07/19/84 84-7-1210-A 01	30" STORM STORM SEWER 07/26/84 84-7-1243-A 01	30" STORM STORM SEWER 08/02/84 84-8-1293-A 01	30" STORM STORM SEWER 08/09/84 84-8-1342-A 01	30" STORM STORM SEWER 08/16/84 84-8-1393-A 01	30" STORM STORM SEWER 08/23/84 84-8-1430-A 01
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PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	30" STORM STORM SEWER 07/19/84 84-7-1210-A 01	30" STORM STORM SEWER 07/26/84 84-7-1243-A 01	30" STORM STORM SEWER 08/02/84 84-8-1293-A 01	30" STORM STORM SEWER 08/09/84 84-8-1342-A 01	30" STORM STORM SEWER 08/16/84 84-8-1393-A 01	30" STORM STORM SEWER 08/23/84 84-8-1430-A 01
1,2-DICHLOROETHYLENE	ug/l	NA	NA	NA	NA	NA	NA
1,3-DICHLOROETHYLENE	ug/l	NA	NA	NA	NA	NA	NA
1,4-DICHLOROETHYLENE	ug/l	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/l	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	30" STORM STORM SEWER 07/19/84 84-7-1210-A 01	30" STORM STORM SEWER 07/26/84 84-7-1243-A 01	30" STORM STORM SEWER 08/02/84 84-8-1293-A 01	30" STORM STORM SEWER 08/09/84 84-8-1342-A 01	30" STORM STORM SEWER 08/16/84 84-8-1393-A 01	30" STORM STORM SEWER 08/23/84 84-8-1430-A 01
1,1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/l	6	NDa1	6	3	NDa1	5
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa10	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHXANE	ug/l	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
ACETONE	ug/l	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/l	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
ACRYLONITRILE	ug/l	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
BENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa1	NDa10	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NDa1	NDa10	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/l	NDa1	NDa10	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	3	NDa1
TETRACHLOROETHYLENE	ug/l	NDa1	NDa10	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/l	NDa1	NDa10	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Outfall Data Report
Last Updated: 01/18/94

30" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

30" STORM STORM SEWER 07/19/84 84-7-1210-A 01	30" STORM STORM SEWER 07/26/84 84-7-1243-A 01	30" STORM STORM SEWER 08/02/84 84-8-1293-A 01	30" STORM STORM SEWER 08/09/84 84-8-1342-A 01	30" STORM STORM SEWER 08/16/84 84-8-1393-A 01	30" STORM STORM SEWER 08/23/84 84-8-1430-A 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	19 ND@1 NA	ND@1 ND@1 NA	20 ND@1 ND@1 NA	13 ND@1 ND@1 NA	11 ND@1 ND@1 NA	17 ND@1 ND@1 NA
TRICHLOROETHYLENE ug/l						
TRICHLOROFLUOROMETHANE ug/l						
VINYL CHLORIDE ug/l						
XYLENE, TOTAL ug/l						

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30" STORM STORM SEWER 08/30/84 84-8-1484-A 01	30" STORM STORM SEWER 09/07/84 84-9-1534-A 01	30" STORM STORM SEWER 09/27/84 84-9-1673-A 01	30" STORM STORM SEWER 10/04/84 84-10-1725-A 01	30" STORM STORM SEWER 10/11/84 84-10-1772-A 01	30" STORM STORM SEWER 10/18/84 84-10-1826-A 01
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PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	30" STORM STORM SEWER 08/30/84 84-8-1484-A 01	30" STORM STORM SEWER 09/07/84 84-9-1534-A 01	30" STORM STORM SEWER 09/27/84 84-9-1673-A 01	30" STORM STORM SEWER 10/04/84 84-10-1725-A 01	30" STORM STORM SEWER 10/11/84 84-10-1772-A 01	30" STORM STORM SEWER 10/18/84 84-10-1826-A 01
1,2-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/l	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	30" STORM STORM SEWER 08/30/84 84-8-1484-A 01	30" STORM STORM SEWER 09/07/84 84-9-1534-A 01	30" STORM STORM SEWER 09/27/84 84-9-1673-A 01	30" STORM STORM SEWER 10/04/84 84-10-1725-A 01	30" STORM STORM SEWER 10/11/84 84-10-1772-A 01	30" STORM STORM SEWER 10/18/84 84-10-1826-A 01
1,1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/l	5	120	NDa1	2	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/l	NDa1	12	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
ACETONE	ug/l	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/l	NDa100	NDa100	NDa100	NDa100	NA	NDa100
ACRYLONITRILE	ug/l	NDa100	NDa100	NDa100	NDa100	NA	NDa100
BENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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30" STORM

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LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
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30" STORM STORM SEWER 08/30/84 84-8-1484-A 01	30" STORM STORM SEWER 09/07/84 84-9-1534-A 01	30" STORM STORM SEWER 09/27/84 84-9-1673-A 01	30" STORM STORM SEWER 10/04/84 84-10-1725-A 01	30" STORM STORM SEWER 10/11/84 84-10-1772-A 01	30" STORM STORM SEWER 10/18/84 84-10-1826-A 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	20	1	3	5	ND@1	ND@1
TRICHLOROETHYLENE ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE ug/l	NA	NA	NA	NA	NA	NA
XYLENE, TOTAL ug/l						

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Outfall Data Report
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30" STORM

SAMPLE LOCATION	30" STORM	30" STORM	30" STORM	30" STORM	30" STORM	30" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	10/25/84	11/12/84	11/21/84	11/29/84	12/06/84	12/13/84
LABORATORY SAMPLE I.D.	84-10-1876-A	84-11-1970-A	84-11-2030-A	84-11-2064-A	84-12-2104-A	84-11-2019-A
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/l	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/l	NDa5	5	NDa1	3	NDa1	3
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa5	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa5	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	NDa5	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/l	NDa5	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/l	NDa5	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa5	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/l	NDa5	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
ACETONE	ug/l	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/l	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
ACRYLONITRILE	ug/l	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
BENZENE	ug/l	NDa5	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	NDa5	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa5	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/l	NDa5	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa5	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NDa5	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa5	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa5	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa5	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa5	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa5	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/l	NDa5	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/l	NDa5	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa5	1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/l	NDa5	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/l	NDa5	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa5	NDa1	NDa1	NDa1	NDa1	NDa1

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30" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

30" STORM STORM SEWER 10/25/84 84-10-1876-A 01	30" STORM STORM SEWER 11/12/84 84-11-1970-A 01	30" STORM STORM SEWER 11/21/84 84-11-2030-A 01	30" STORM STORM SEWER 11/29/84 84-11-2064-A 01	30" STORM STORM SEWER 12/06/84 84-12-2104-A 01	30" STORM STORM SEWER 12/13/84 84-11-2019-A 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/l	ND@5	7	ND@1	6	ND@1	4
TRICHLOROFLUOROMETHANE	ug/l	ND@5	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@5	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

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SAMPLE COMMENT CODES

30" STORM STORM SEWER 12/20/84 84-12-2200-A 01	30" STORM STORM SEWER 01/04/85 85-1-133-A 01	30" STORM STORM SEWER 01/10/85 85-1-163-A 01	30" STORM STORM SEWER 02/14/85 85-2-355-A 01	30" STORM STORM SEWER 02/21/85 85-2-405-A 01	30" STORM STORM SEWER 03/11/85 85-3-455-2 01
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PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	30" STORM STORM SEWER 12/20/84 84-12-2200-A 01	30" STORM STORM SEWER 01/04/85 85-1-133-A 01	30" STORM STORM SEWER 01/10/85 85-1-163-A 01	30" STORM STORM SEWER 02/14/85 85-2-355-A 01	30" STORM STORM SEWER 02/21/85 85-2-405-A 01	30" STORM STORM SEWER 03/11/85 85-3-455-2 01
1,2-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/l	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	30" STORM STORM SEWER 12/20/84 84-12-2200-A 01	30" STORM STORM SEWER 01/04/85 85-1-133-A 01	30" STORM STORM SEWER 01/10/85 85-1-163-A 01	30" STORM STORM SEWER 02/14/85 85-2-355-A 01	30" STORM STORM SEWER 02/21/85 85-2-405-A 01	30" STORM STORM SEWER 03/11/85 85-3-455-2 01
1,1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/l	4	2	NDa1	NDa1	NDa1	NDa3
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa3
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa3
1,1-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa3
1,1-DICHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa3
1,2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa3
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa3
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa3
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
ACETONE	ug/l	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/l	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
ACRYLONITRILE	ug/l	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
BENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa3
BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa3
BROMOFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa3
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa3
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa3
CHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa3
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa3
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa3
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa3
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa3
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa3
DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa3
ETHYLBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa3
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa3
TETRACHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa3
TOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa3
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa3

IBM Mid Hudson Valley - Kingston Site
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30" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

30" STORM STORM SEWER 12/20/84 84-12-2200-A 01	30" STORM STORM SEWER 01/04/85 85-1-133-A 01	30" STORM STORM SEWER 01/10/85 85-1-163-A 01	30" STORM STORM SEWER 02/14/85 85-2-355-A 01	30" STORM STORM SEWER 02/21/85 85-2-405-A 01	30" STORM STORM SEWER 03/11/85 85-3-455-2 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	7	2	ND@1	2	ND@1	ND@3
TRICHLOROETHYLENE ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@3
TRICHLOROFLUOROMETHANE ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@3
VINYL CHLORIDE ug/l	NA	NA	NA	NA	NA	NA
XYLENE, TOTAL ug/l						

IBM Mid Hudson Valley - Kingston Site
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30" STORM

SAMPLE LOCATION	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
SAMPLE DESCRIPTION	05/10/85	06/28/85	07/25/85	08/01/85	08/08/85	08/15/85
SAMPLE DATE	85-5-855-2	85-6-1216-3	85-7-1359-A	85-7-1402-A	85-8-1441-A	85-8-1494-A
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	ND@10	ND@10	ND@10	ND@10	ND@10	ND@10

VOLATILE ORGANICS

PARAMETER	UNITS	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	ND@3	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@3	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLOROETHANE	ug/L	ND@3	ND@1	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/L	ND@3	ND@1	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHYLENE	ug/L	ND@3	ND@1	ND@1	ND@1	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	ND@3	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	ND@3	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/L	ND@3	ND@1	ND@1	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	ND@100	ND@100	ND@100	ND@100	ND@100	ND@100
ACRYLONITRILE	ug/L	ND@100	ND@100	ND@100	ND@100	ND@100	ND@100
BENZENE	ug/L	ND@3	ND@1	ND@1	ND@1	ND@1	ND@1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	ND@3	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/L	ND@3	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/L	ND@3	ND@1	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/L	ND@3	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/L	ND@3	ND@1	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/L	ND@3	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/L	ND@3	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/L	ND@3	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/L	ND@3	ND@1	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/L	ND@3	ND@1	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	ND@3	ND@1	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/L	ND@3	ND@1	ND@1	ND@1	ND@1	ND@1
ETHYLENE CHLORIDE	ug/L	ND@3	11	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/L	ND@3	ND@1	ND@1	ND@1	ND@1	ND@1
TOLUENE	ug/L	ND@3	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@3	ND@1	ND@1	ND@1	ND@1	ND@1

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30" STORM

	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
SAMPLE LOCATION	05/10/85	06/28/85	07/25/85	08/01/85	08/08/85	08/15/85
SAMPLE DESCRIPTION	85-5-855-2	85-6-1216-3	85-7-1359-A	85-7-1402-A	85-8-1441-A	85-8-1494-A
SAMPLE DATE	01	01	01	01	01	01
LABORATORY SAMPLE I.D.						
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	ug/l	ND@3	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	ND@3	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@3	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@3	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

IBM Mid Hudson Valley - Kingston Site
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30" STORM

SAMPLE LOCATION	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
SAMPLE DESCRIPTION	08/22/85	08/29/85	09/06/85	09/12/85	09/19/85	09/26/85
SAMPLE DATE	85-8-1533-A	85-8-1566-A	85-9-1621-A	85-9-1661-A	85-9-1715-A	85-9-1755-A
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
1-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
ACRYLONITRILE	ug/L	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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30" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

30" STORM STORM SEWER 08/22/85 85-8-1533-A 01	30" STORM STORM SEWER 08/29/85 85-8-1566-A 01	30" STORM STORM SEWER 09/06/85 85-9-1621-A 01	30" STORM STORM SEWER 09/12/85 85-9-1661-A 01	30" STORM STORM SEWER 09/19/85 85-9-1715-A 01	30" STORM STORM SEWER 09/26/85 85-9-1755-A 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Outfall Data Report
Last Updated: 01/18/94

30" STORM

SAMPLE LOCATION	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
SAMPLE DESCRIPTION	12/13/85	12/20/85	12/26/85	01/02/86	01/09/86	01/16/86
SAMPLE DATE	85-12-2259-A	85-12-2313-A	85-12-2315-A	86-1-100-A	86-1-163-A	86-1-193-A
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
ACRYLONITRILE	ug/L	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

IBM Mid Hudson Valley - Kingston Site
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30" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

30" STORM STORM SEWER 12/13/85 85-12-2259-A 01	30" STORM STORM SEWER 12/20/85 85-12-2313-A 01	30" STORM STORM SEWER 12/26/85 85-12-2315-A 01	30" STORM STORM SEWER 01/02/86 86-1-100-A 01	30" STORM STORM SEWER 01/09/86 86-1-163-A 01	30" STORM STORM SEWER 01/16/86 86-1-193-A 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	NA	NA	NA	NA	NA	NA
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@3	ND@3	ND@3	ND@3	ND@3	ND@3
XYLENE, TOTAL	ug/l						

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Outfall Data Report
Last Updated: 01/18/94

30" STORM

SAMPLE LOCATION	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
SAMPLE DESCRIPTION	01/23/86	01/30/86	02/06/86	02/14/86	02/20/86	02/27/86
SAMPLE DATE	86-1-238-A	86-1-281-A	86-2-323-A	86-2-394-A	86-2-418-A	86-2-455-A
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	ND@10	ND@10	ND@10	ND@10	ND@10	ND@10

VOLATILE ORGANICS

PARAMETER	UNITS	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
1-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	ND@100	ND@100	ND@100	ND@100	ND@100	ND@100
ACRYLONITRILE	ug/L	ND@100	ND@100	ND@100	ND@100	ND@100	ND@100
BENZENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
ETHYLENE CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TOLUENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1

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30" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

30" STORM STORM SEWER 01/23/86 86-1-238-A 01	30" STORM STORM SEWER 01/30/86 86-1-281-A 01	30" STORM STORM SEWER 02/06/86 86-2-323-A 01	30" STORM STORM SEWER 02/14/86 86-2-394-A 01	30" STORM STORM SEWER 02/20/86 86-2-418-A 01	30" STORM STORM SEWER 02/27/86 86-2-455-A 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/L	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/L	ND@3	ND@3	ND@3	ND@3	ND@3	ND@3

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Outfall Data Report
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30" STORM

SAMPLE LOCATION	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
SAMPLE DESCRIPTION	03/07/86	03/14/86	03/20/86	03/27/86	03/31/86	07/02/87
SAMPLE DATE	86-3-502-A	86-3-551-A	86-3-610-A	86-3-650-A	86-3-568-H	87-6-2945-A
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
1-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NDa100	NDa100	NDa100	NDa100	NDa100	NA
ACRYLONITRILE	ug/L	NDa100	NDa100	NDa100	NDa100	NDa100	NA
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa5
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NA
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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30" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

30" STORM STORM SEWER 03/07/86 86-3-502-A 01	30" STORM STORM SEWER 03/14/86 86-3-551-A 01	30" STORM STORM SEWER 03/20/86 86-3-610-A 01	30" STORM STORM SEWER 03/27/86 86-3-650-A 01	30" STORM STORM SEWER 03/31/86 86-3-568-H 01	30" STORM STORM SEWER 07/02/87 87-6-2945-A 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRICHLOROETHYLENE	ug/l	NA	NA	NA	NA	NA	NDa1
TRICHLOROFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
VINYL CHLORIDE	ug/l	NDa3	NDa3	NDa3	NDa3	NDa3	NDa3
XYLENE, TOTAL	ug/l						

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Outfall Data Report
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30" STORM

SAMPLE LOCATION	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
SAMPLE DESCRIPTION	07/09/87	07/16/87	07/23/87	07/30/87	08/06/87	08/13/87
SAMPLE DATE	87-6-3023-A	87-7-3102-A	87-7-3189-A	87-7-3263-A	87-8-3367-A	87-8-3459-A
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/L	NA	NA	NA	NA	NA	NA
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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30" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

30" STORM STORM SEWER 07/09/87 87-6-3023-A 01	30" STORM STORM SEWER 07/16/87 87-7-3102-A 01	30" STORM STORM SEWER 07/23/87 87-7-3189-A 01	30" STORM STORM SEWER 07/30/87 87-7-3263-A 01	30" STORM STORM SEWER 08/06/87 87-8-3367-A 01	30" STORM STORM SEWER 08/13/87 87-8-3459-A 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	ND@3	ND@3	ND@3	ND@3	ND@3	ND@3

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30" STORM

SAMPLE LOCATION	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
SAMPLE DESCRIPTION	08/20/87	08/27/87	09/03/87	09/10/87	09/17/87	10/01/87
SAMPLE DATE	87-8-3554-A	87-8-3644-A	87-9-3744-A	87-9-3861-A	87-9-3939-A	87-9-4105-A
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
1,2-DICHLOROETHYLENE	ug/l	NA	NA	NA	NA	NA	NA
1,3-DICHLOROETHYLENE	ug/l	NA	NA	NA	NA	NA	NA
1,4-DICHLOROETHYLENE	ug/l	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/l	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
ACETONE	ug/l	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/l	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/l	NA	NA	NA	NA	NA	NA
BENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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30" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

30" STORM STORM SEWER 08/20/87 87-8-3554-A 01	30" STORM STORM SEWER 08/27/87 87-8-3644-A 01	30" STORM STORM SEWER 09/03/87 87-9-3744-A 01	30" STORM STORM SEWER 09/10/87 87-9-3861-A 01	30" STORM STORM SEWER 09/17/87 87-9-3939-A 01	30" STORM STORM SEWER 10/01/87 87-9-4105-A 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	NA
VINYL CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/L	ND@3	ND@3	ND@3	ND@3	ND@3	ND@3

IBM Mid Hudson Valley - Kingston Site
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30" STORM

SAMPLE LOCATION	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
SAMPLE DESCRIPTION	10/08/87	10/15/87	10/22/87	10/29/87	11/05/87	11/12/87
SAMPLE DATE	87-10-4187-A	87-10-4302-A	87-10-4384-A	87-10-4480-A	87-11-4581-A	87-11-4659-A
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/L	NA	NA	NA	NA	NA	NA
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	3	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Outfall Data Report
Last Updated: 01/18/94

30" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

30" STORM STORM SEWER 10/08/87 87-10-4187-A 01	30" STORM STORM SEWER 10/15/87 87-10-4302-A 01	30" STORM STORM SEWER 10/22/87 87-10-4384-A 01	30" STORM STORM SEWER 10/29/87 87-10-4480-A 01	30" STORM STORM SEWER 11/05/87 87-11-4581-A 01	30" STORM STORM SEWER 11/12/87 87-11-4659-A 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	ND@3	ND@3	ND@3	ND@3	ND@3	ND@3

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Outfall Data Report
Last Updated: 01/18/94

30" STORM

SAMPLE LOCATION	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
SAMPLE DESCRIPTION	11/19/87	11/25/87	12/03/87	12/10/87	01/07/88	06/25/93
SAMPLE DATE	87-11-4741-A	87-11-4828-A	87-12-4914-A	87-12-5024-A	88-1-155-A	124998-23
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NDa1
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NDa1
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa1

VOLATILE ORGANICS

PARAMETER	UNITS	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER	30" STORM STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NDa1
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NDa1
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/L	NA	NA	NA	NA	NA	NA
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NA
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NDa1
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa5	NDa5	NDa5	NDa5	NDa5	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NA
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NA
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

IBM Mid Hudson Valley - Kingston Site
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30" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

30" STORM STORM SEWER 11/19/87 87-11-4741-A 01	30" STORM STORM SEWER 11/25/87 87-11-4828-A 01	30" STORM STORM SEWER 12/03/87 87-12-4914-A 01	30" STORM STORM SEWER 12/10/87 87-12-5024-A 01	30" STORM STORM SEWER 01/07/88 88-1-155-A 01	30" STORM STORM SEWER 06/25/93 124998-23 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	ND@3	ND@3	ND@3	ND@3	ND@3	NA

IBM Mid Hudson Valley - Kingston Site
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30" STORM

SAMPLE LOCATION	30" STORM	30" STORM	30" STORM	30" STORM	30" STORM	30" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	07/12/93	07/19/93	07/19/93	07/19/93	07/20/93	07/23/93
LABORATORY SAMPLE I.D.	125517-19	125807-09	125807-16	125807-29	125807-41	125981-40
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	2.9	NDa1	5.8	NDa1	2.1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/L	NA	NA	NA	NA	NA	NA
BENZENE	ug/L	NA	NA	NA	NA	NA	NA
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NA	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NA	NA	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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30" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

30" STORM STORM SEWER 07/12/93 125517-19 01	30" STORM STORM SEWER 07/19/93 125807-09 01	30" STORM STORM SEWER 07/19/93 125807-16 01	30" STORM STORM SEWER 07/19/93 125807-29 01	30" STORM STORM SEWER 07/20/93 125807-41 01	30" STORM STORM SEWER 07/23/93 125981-40 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/L	NA	NA	NA	NA	NA	NA

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Outfall Data Report
Last Updated: 01/18/94

30" STORM

SAMPLE LOCATION	30" STORM	30" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER
SAMPLE DATE	08/05/93	08/23/93
LABORATORY SAMPLE I.D.	126491-03	127151-03
SAMPLE RUN NUMBER	01	01
SAMPLE COMMENT CODES		

PARAMETER	UNITS
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BASE/NEUTRAL EXTRACTABLES

2-DICHLOROBENZENE	ug/L	NDa1	NDa1
3-DICHLOROBENZENE	ug/L	NDa1	NDa1
4-DICHLOROBENZENE	ug/L	NDa1	NDa1
CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1

VOLATILE ORGANICS

1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1
1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1
1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1
1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1
1-DICHLOROETHANE	ug/L	NDa1	NDa1
1-DICHLOROETHYLENE	ug/L	NDa1	NDa1
2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1
2-DICHLOROETHANE	ug/L	NDa1	NDa1
2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1
2-DICHLOROPROPANE	ug/L	NDa1	NDa1
CHLOROHEXANE	ug/L	NDa1	NDa1
CHLOROTOLUENE	ug/L	NDa1	NDa1
ACETONE	ug/L	NA	NA
ACROLEIN	ug/L	NA	NA
ACRYLONITRILE	ug/L	NA	NA
BENZENE	ug/L	NA	NA
BENZYL CHLORIDE	ug/L	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1
ETHYLBENZENE	ug/L	NA	NA
ETHYLENE CHLORIDE	ug/L	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1
TOLUENE	ug/L	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Outfall Data Report
Last Updated: 01/18/94

30" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

30" STORM	30" STORM
STORM SEWER	STORM SEWER
08/05/93	08/23/93
126491-03	127151-03
01	01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/l	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1
YLENE, TOTAL	ug/l	NA	NA

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Outfall Data Report
Last Updated: 01/18/94

42" STORM

SAMPLE LOCATION	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
SAMPLE DESCRIPTION	12/16/81	06/21/82	10/04/82	12/08/82	03/16/83	06/29/83
SAMPLE DATE	81-12-9622-3	82-6-10600-1	82-9-11203SS	82-12-115601	83-3-12030-1	83-6-12512-2
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa5	NDa1	NDa3	NDa3	NDa3	NDa3

VOLATILE ORGANICS

PARAMETER	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	68	NDa1	11	16	21	9.2
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa3	NDa3	NDa3	NDa3
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa3	NDa3	NDa3	NDa3
1,1-DICHLOROETHANE	ug/L	15	NDa1	4	5.0	3.2	3.0
1,1-DICHLOROETHYLENE	ug/L	28	NDa1	15	17	6.9	5.2
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	1	NDa1	NDa3	NDa3	NDa3	NDa3
1,2-DICHLOROETHYLENE, TOTAL	ug/L	6	NDa1	NDa3	NDa3	NDa3	NDa3
1,2-DICHLOROPROPANE	ug/L	NDa2	NDa1	NA	NDa3	NDa3	NDa3
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
1-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NDa200	NDa100	NDa100	NDa100	NDa100	NDa100
ACRYLONITRILE	ug/L	NDa200	NDa100	NDa100	NDa100	NDa100	NDa100
BENZENE	ug/L	NDa5	NDa1	NDa3	NDa3	NDa3	NDa3
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa3	NDa3	NDa3	NDa3
BROMOFORM	ug/L	NDa2	NDa1	NDa3	NDa3	NDa3	NDa3
BROMOMETHANE	ug/L	NDa5	NDa1	NDa3	NDa3	NDa3	NDa3
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa3	NDa3	NDa3	NDa3
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa3	NDa3	NDa3	NDa3
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa3	NDa3	NDa3	NDa3
CHLOROETHANE	ug/L	NDa5	NDa1	NDa3	NDa3	NDa3	NDa3
CHLOROFORM	ug/L	2	NDa1	NDa3	NDa3	NDa3	NDa3
CHLOROMETHANE	ug/L	NDa5	NDa1	NDa3	NDa3	NDa3	NDa3
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa2	NDa1	NDa3	NDa3	NDa3	NDa3
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa3	NDa3	NDa3	NDa3
ETHYLBENZENE	ug/L	NDa5	NDa1	NDa3	NDa3	NDa3	NDa3
ETHYLENE CHLORIDE	ug/L	NDa1	4	8	NDa3	NDa3	3.8
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa3	NDa3	NDa3	NDa3
TOLUENE	ug/L	NDa5	NDa1	NDa3	NDa3	NDa3	NDa3
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa2	NDa1	NDa3	NDa3	NDa3	NDa3

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 12/16/81 81-12-9622-3 01	42" STORM STORM SEWER 06/21/82 82-6-10600-1 01	42" STORM STORM SEWER 10/04/82 82-9-11203SS 01	42" STORM STORM SEWER 12/08/82 82-12-115601 01	42" STORM STORM SEWER 03/16/83 83-3-12030-1 01	42" STORM STORM SEWER 06/29/83 83-6-12512-2 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/l	39	17	19	20	13	11
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@3	ND@3	ND@3	ND@3
VINYL CHLORIDE	ug/l	ND@5	ND@1	ND@3	ND@3	ND@3	ND@3
XYLENE, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

IBM Mid Hudson Valley - Kingston Site
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Last Updated: 01/18/94

42" STORM

SAMPLE LOCATION	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
SAMPLE DESCRIPTION	08/12/83	01/05/84	03/20/84	03/22/84	04/26/84	05/03/84
SAMPLE DATE	83-9-12820-4	84-1-132-2	84-3-478-2	84-3-480-B	84-4-701-B	84-5-749-B
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
1,2-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/l	NDa3	NDa3	NDa3	NDa1	NDa10	NDa1

VOLATILE ORGANICS

PARAMETER	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/l	5.1	13	17	27	3	14
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa3	NDa3	NDa3	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa3	NDa3	NDa3	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	NDa3	NDa3	3	5	NDa1	3
1,1-DICHLOROETHYLENE	ug/l	NDa3	NDa3	9	10	NDa1	5
1,2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/l	NDa3	NDa3	NDa3	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa3	NDa3	3	5	NDa1	2
1,2-DICHLOROPROPANE	ug/l	NDa3	NDa3	NDa3	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
ACETONE	ug/l	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/l	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
ACRYLONITRILE	ug/l	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
BENZENE	ug/l	NDa3	NDa3	NDa3	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	NDa3	NDa3	NDa3	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa3	NDa3	NDa3	NDa1	NDa1	NDa1
BROMOMETHANE	ug/l	NDa3	NDa3	NDa3	NDa1	NDa10	NDa1
CARBON TETRACHLORIDE	ug/l	NDa3	NDa3	NDa3	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NDa3	NDa3	NDa3	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa3	NDa3	NDa3	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa3	NDa3	NDa3	NDa1	NDa10	NDa1
CHLOROFORM	ug/l	NDa3	NDa3	NDa3	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa3	NDa3	NDa3	NDa1	NDa10	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa3	NDa3	NDa3	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/l	NDa3	NDa3	NDa3	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/l	NDa3	NDa3	NDa3	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa3	18	NDa3	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/l	NDa3	NDa3	NDa3	NDa1	NDa1	NDa1
TOLUENE	ug/l	NDa3	NDa3	NDa3	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa3	NDa3	NDa3	NDa1	NDa1	NDa1

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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	08/12/83	01/05/84	03/20/84	03/22/84	04/26/84	05/03/84
LABORATORY SAMPLE I.D.	83-9-12820-4	84-1-132-2	84-3-478-2	84-3-480-B	84-4-701-B	84-5-749-B
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

PARAMETER	UNITS	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
TRICHLOROETHYLENE	ug/l	7.5	23	12	17	12	9
TRICHLOROFLUOROMETHANE	ug/l	ND@3	ND@3	ND@3	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@3	ND@3	ND@3	ND@1	ND@10	ND@1
KYLENE, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

IBM Mid Hudson Valley - Kingston Site
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42" STORM

SAMPLE LOCATION	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
SAMPLE DESCRIPTION	05/10/84	05/24/84	05/31/84	06/07/84	06/11/84	06/28/84
SAMPLE DATE	84-5-795-B	84-5-894-B	84-5-920-B	84-6-973-B	84-5-907-2	84-6-1096-B
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
1,2-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/l	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/l	6	15	19	18	12	22
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa2	NDa1	NDa1	NDa3	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa2	NDa1	NDa1	NDa3	NDa1
1,1-DICHLOROETHANE	ug/l	3	3	3	4	3	5
1,1-DICHLOROETHYLENE	ug/l	4	6	6	7	4	8
1,2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/l	NDa1	NDa2	NDa1	NDa1	NDa3	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	2	NDa2	5	4	NDa3	4
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa2	NDa1	NDa1	NDa3	NDa1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
ACETONE	ug/l	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/l	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
ACRYLONITRILE	ug/l	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
BENZENE	ug/l	NDa1	NDa2	NDa1	NDa1	NDa3	NDa1
BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	NDa1	NDa2	NDa1	NDa1	NDa3	NDa1
BROMOFORM	ug/l	NDa1	NDa2	NDa1	NDa1	NDa3	NDa1
BROMOMETHANE	ug/l	NDa10	NDa2	NDa1	NDa1	NDa3	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa2	NDa1	NDa1	NDa3	NDa1
CHLOROBENZENE	ug/l	NDa1	NDa2	NDa1	NDa1	NDa3	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa2	NDa1	NDa1	NDa3	NDa1
CHLOROETHANE	ug/l	NDa10	NDa2	NDa1	NDa1	NDa3	NDa1
CHLOROFORM	ug/l	NDa1	NDa2	2	1	NDa3	NDa1
CHLOROMETHANE	ug/l	NDa10	NDa2	NDa1	NDa1	NDa3	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa2	NDa1	NDa1	NDa3	NDa1
DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/l	NDa10	NDa2	NDa1	NDa1	NDa3	NDa1
ETHYLBENZENE	ug/l	NDa1	NDa2	NDa1	NDa1	NDa3	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa2	NDa1	NDa1	NDa3	NDa1
TETRACHLOROETHYLENE	ug/l	NDa1	NDa2	7	2	NDa3	NDa1
TOLUENE	ug/l	NDa1	NDa2	NDa1	NDa1	NDa3	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa1	NDa2	NDa1	NDa1	NDa3	NDa1

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 05/10/84 84-5-795-B 01	42" STORM STORM SEWER 05/24/84 84-5-894-B 01	42" STORM STORM SEWER 05/31/84 84-5-920-B 01	42" STORM STORM SEWER 06/07/84 84-6-973-B 01	42" STORM STORM SEWER 06/11/84 84-5-907-2 01	42" STORM STORM SEWER 06/28/84 84-6-1096-B 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	10	12	14	15	7	11
TRICHLOROETHYLENE ug/L	ND@1	ND@2	ND@1	ND@1	ND@3	ND@1
TRICHLOROFLUOROMETHANE ug/L	ND@10	ND@2	ND@1	ND@1	ND@3	ND@1
VINYL CHLORIDE ug/L	NA	NA	NA	NA	NA	NA
XYLENE, TOTAL ug/L						

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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	07/05/84	07/12/84	07/19/84	07/26/84	08/02/84	08/09/84
LABORATORY SAMPLE I.D.	84-7-1124-B	84-7-1173-B	84-7-1210-B	84-7-1243-B	84-8-1293-B	84-8-1342-B
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/l	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/l	19	29	28	21	14
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	4	4	5	4	3
1,1-DICHLOROETHYLENE	ug/l	6	9	8	7	7
1,2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	2	NDa1	1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	3	3	5	3	2
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA
ACETONE	ug/l	NA	NA	NA	NA	NA
ACROLEIN	ug/l	NDa100	NDa100	NDa100	NDa100	NDa100
ACRYLONITRILE	ug/l	NDa100	NDa100	NDa100	NDa100	NDa100
BENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	2	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	1	NDa1	NDa1	2
TETRACHLOROETHYLENE	ug/l	NDa1	3	2	6	1
TOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 07/05/84 84-7-1124-B 01	42" STORM STORM SEWER 07/12/84 84-7-1173-B 01	42" STORM STORM SEWER 07/19/84 84-7-1210-B 01	42" STORM STORM SEWER 07/26/84 84-7-1243-B 01	42" STORM STORM SEWER 08/02/84 84-8-1293-B 01	42" STORM STORM SEWER 08/09/84 84-8-1342-B 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	10	13	15	12	9	9
TRICHLOROETHYLENE ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE ug/L	NA	NA	NA	NA	NA	NA
XYLENE, TOTAL ug/L						

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Outfall Data Report
Last Updated: 01/18/94

42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 08/16/84 84-8-1393-B 01	42" STORM STORM SEWER 08/23/84 84-8-1430-B 01	42" STORM STORM SEWER 08/30/84 84-8-1484-B 01	42" STORM STORM SEWER 09/07/84 84-9-1534-B 01	42" STORM STORM SEWER 09/14/84 84-9-1516-2 01	42" STORM STORM SEWER 09/27/84 84-9-1673-B 01
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PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	15	13	NDa1	13	NDa3
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3
1,1-DICHLOROETHANE	ug/L	1	NDa1	4	3	NDa3
1,1-DICHLOROETHYLENE	ug/L	4	3	8	8	NDa3
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	23	NDa1	NDa3
1,2-DICHLOROETHYLENE, TOTAL	ug/L	6	3	2	2	NDa3
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NDa100	NDa100	NDa100	NDa100	NDa100
ACRYLONITRILE	ug/L	NDa100	NDa100	NDa100	NDa100	NDa100
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	2	NDa1	NDa3
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3

IBM Mid Hudson Valley - Kingston Site
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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 08/16/84 84-8-1393-B 01	42" STORM STORM SEWER 08/23/84 84-8-1430-B 01	42" STORM STORM SEWER 08/30/84 84-8-1484-B 01	42" STORM STORM SEWER 09/07/84 84-9-1534-B 01	42" STORM STORM SEWER 09/14/84 84-9-1516-2 01	42" STORM STORM SEWER 09/27/84 84-9-1673-B 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	24	19	8	6	ND@3	10
TRICHLOROETHYLENE ug/l	ND@1	ND@1	ND@1	ND@1	ND@3	ND@1
TRICHLOROFLUOROMETHANE ug/l	ND@1	ND@1	ND@1	ND@1	ND@3	ND@1
VINYL CHLORIDE ug/l	NA	NA	NA	NA	NA	NA
XYLENE, TOTAL ug/l						

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Outfall Data Report
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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	10/04/84	10/11/84	10/18/84	10/25/84	11/12/84	11/21/84
LABORATORY SAMPLE I.D.	84-10-1725-B	84-10-1772-B	84-10-1826-B	84-10-1876-B	84-11-1970-B	84-11-2030-B
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	17	11	12	NDa5	32	17
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	3	3	3	NDa5	4	4
1,1-DICHLOROETHYLENE	ug/L	10	7	8	NDa5	12	7
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	1	NDa1	NDa1	NDa5	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NDa100	NA	NDa100	NDa100	NDa100	NDa100
ACRYLONITRILE	ug/L	NDa100	NA	NDa100	NDa100	NDa100	NDa100
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 10/04/84 84-10-1725-B 01	42" STORM STORM SEWER 10/11/84 84-10-1772-B 01	42" STORM STORM SEWER 10/18/84 84-10-1826-B 01	42" STORM STORM SEWER 10/25/84 84-10-1876-B 01	42" STORM STORM SEWER 11/12/84 84-11-1970-B 01	42" STORM STORM SEWER 11/21/84 84-11-2030-B 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	9 ND@1 NA	6 ND@1 NA	6 ND@1 NA	5 ND@5 NA	9 ND@1 NA	5 ND@1 NA
TRICHLOROETHYLENE ug/l						
TRICHLOROFLUOROMETHANE ug/l						
VINYL CHLORIDE ug/l						
XYLENE, TOTAL ug/l						

IBM Mid Hudson Valley - Kingston Site
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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	11/29/84	12/06/84	12/13/84	12/20/84	01/03/85	01/04/85
LABORATORY SAMPLE I.D.	84-11-2064-B	84-12-2104-B	84-11-2019-B	84-12-2200-B	84-12-2217-4	85-1-133-B
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	ND@10	ND@10	ND@10	ND@10	ND@10	ND@10

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	15	22	19	13	16	8
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@3	ND@1
1,1,2-TRICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@3	ND@1
1,1-DICHLOROETHANE	ug/L	3	5	4	3	4	2
1,1-DICHLOROETHYLENE	ug/L	9	15	13	13	11	6
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@3	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	1	2	2	1	ND@3	ND@1
1,2-DICHLOROPROPANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@3	ND@1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	ND@100	ND@100	ND@100	ND@100	ND@100	ND@100
ACRYLONITRILE	ug/L	ND@100	ND@100	ND@100	ND@100	ND@100	ND@100
BENZENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@3	ND@1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@3	ND@1
BROMOFORM	ug/L	ND@1	ND@1	ND@1	ND@1	ND@3	ND@1
BROMOMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@3	ND@1
CARBON TETRACHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@3	ND@1
CHLOROBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@3	ND@1
CHLORODIBROMOMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@3	ND@1
CHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@3	ND@1
CHLOROFORM	ug/L	ND@1	ND@1	ND@1	ND@1	ND@3	ND@1
CHLOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@3	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@3	ND@1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@3	ND@1
ETHYLBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@3	ND@1
METHYLENE CHLORIDE	ug/L	8	ND@1	ND@1	ND@1	ND@3	ND@1
TETRACHLOROETHYLENE	ug/L	1	2	ND@1	ND@1	ND@3	ND@1
TOLUENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@3	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@3	ND@1

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
11/29/84	12/06/84	12/13/84	12/20/84	01/03/85	01/04/85	
84-11-2064-B	84-12-2104-B	84-11-2019-B	84-12-2200-B	84-12-2217-4	85-1-133-B	
01	01	01	01	01	01	

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	7	9	8	7	8	4
TRICHLOROETHYLENE ug/l	ND@1	ND@1	ND@1	ND@1	ND@3	ND@1
TRICHLOROFLUOROMETHANE ug/l	ND@1	ND@1	ND@1	ND@1	ND@3	ND@1
VINYL CHLORIDE ug/l	NA	NA	NA	NA	NA	NA
XYLENE, TOTAL ug/l						

IBM Mid Hudson Valley - Kingston Site
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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	01/10/85	01/18/85	01/24/85	01/31/85	02/07/85	02/14/85
LABORATORY SAMPLE I.D.	85-1-163-B	85-1-201-A	85-1-211-A	85-1-272-A	85-2-308-A	85-2-355-B
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROENZENE	ug/L	NA	NA	NA	NA	NA
1,3-DICHLOROENZENE	ug/L	NA	NA	NA	NA	NA
1,4-DICHLOROENZENE	ug/L	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	11	12	15	12	16
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	3	3	3	3	5
1,1-DICHLOROETHYLENE	ug/L	8	9	9	7	15
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NDa100	NDa100	NDa100	NDa100	NDa100
ACRYLONITRILE	ug/L	NDa100	NDa100	NDa100	NDa100	NDa100
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
01/10/85	01/18/85	01/24/85	01/31/85	02/07/85	02/14/85	02/14/85
85-1-163-B	85-1-201-A	85-1-211-A	85-1-272-A	85-2-308-A	85-2-355-B	85-2-355-B
01	01	01	01	01	01	01

PARAMETER

UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE
TRICHLOROFLUOROMETHANE
VINYL CHLORIDE
XYLENE, TOTAL

ug/l
ug/l
ug/l
ug/l

5	6	7	6	10	9
ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	02/21/85	02/28/85	03/11/85	05/10/85	06/28/85	06/28/85
LABORATORY SAMPLE I.D.	85-2-405-B	85-2-444-A	85-3-455-3	85-5-855-3	85-6-1216-4	85-6-1216-11
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/l	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/l	12	11	21	9	6	6
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	3	3	5	NDa3	4	4
1,1-DICHLOROETHYLENE	ug/l	6	5	9	5	6	5
1,2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	5	NDa3	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
1-CHLOROHXANE	ug/l	NA	NA	NA	NA	NA	NA
1-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
ACETONE	ug/l	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/l	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
ACRYLONITRILE	ug/l	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
BENZENE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
BROMOFORM	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
BROMOMETHANE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
CHLOROBENZENE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
ETHYLBENZENE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
TETRACHLOROETHYLENE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
TOLUENE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1

IBM Mid Hudson Valley - Kingston Site
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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
02/21/85	02/28/85	03/11/85	05/10/85	06/28/85	06/28/85	06/28/85	06/28/85
85-2-405-B	85-2-444-A	85-3-455-3	85-5-855-3	85-6-1216-4	85-6-1216-4	85-6-1216-4	85-6-1216-11
01	01	01	01	01	01	01	01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

PARAMETER	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
TRICHLOROETHYLENE	ug/l	6	5	11	4	5	5
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@3	ND@3	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@3	ND@3	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

IBM Mid Hudson Valley - Kingston Site
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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	07/25/85	08/01/85	08/08/85	08/15/85	08/22/85	08/29/85
LABORATORY SAMPLE I.D.	85-7-1359-B	85-7-1402-B	85-8-1441-B	85-8-1494-B	85-8-1533-B	85-8-1566-B
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	12	4	12	NDa1	8	8
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	4	2	5	6	4	4
1,1-DICHLOROETHYLENE	ug/L	4	3	7	7	5	6
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
ACRYLONITRILE	ug/L	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 07/25/85 85-7-1359-B 01	42" STORM STORM SEWER 08/01/85 85-7-1402-B 01	42" STORM STORM SEWER 08/08/85 85-8-1441-B 01	42" STORM STORM SEWER 08/15/85 85-8-1494-B 01	42" STORM STORM SEWER 08/22/85 85-8-1533-B 01	42" STORM STORM SEWER 08/29/85 85-8-1566-B 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/l	5	4	9	6	6	10
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

IBM Mid Hudson Valley - Kingston Site
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42" STORM

SAMPLE LOCATION	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
SAMPLE DESCRIPTION	09/06/85	09/12/85	09/19/85	09/26/85	12/13/85	12/20/85
SAMPLE DATE	85-9-1621-B	85-9-1661-B	85-9-1715-B	85-9-1755-B	85-12-2259-B	85-12-2313-B
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

BASE/NEUTRAL EXTRACTABLES	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
1,2-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/l	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

VOLATILE ORGANICS	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/l	9	9	7	6	4	18
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	5	4	3	3	2	2
1,1-DICHLOROETHYLENE	ug/l	7	6	4	4	3	4
1,2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	1	1	NDa1	NDa1	NDa1	2
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
ACETONE	ug/l	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/l	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
ACRYLONITRILE	ug/l	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
BENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 09/06/85 85-9-1621-B 01	42" STORM STORM SEWER 09/12/85 85-9-1661-B 01	42" STORM STORM SEWER 09/19/85 85-9-1715-B 01	42" STORM STORM SEWER 09/26/85 85-9-1755-B 01	42" STORM STORM SEWER 12/13/85 85-12-2259-B 01	42" STORM STORM SEWER 12/20/85 85-12-2315-B 01
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PARAMETER

UNITS

VOLATILE ORGANICS (Continued)

	9	7	6	4	4	25
TRICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	NA	NA
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	NA	NA	NA	ND@3	ND@3
XYLENE, TOTAL	ug/l					

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42" STORM

SAMPLE LOCATION	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
SAMPLE DESCRIPTION	12/26/85	01/02/86	01/09/86	01/16/86	01/23/86	01/30/86
SAMPLE DATE	85-12-2315-B	86-1-100-B	86-1-163-B	86-1-193-B	86-1-238-B	86-1-281-B
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	6	5	3	6	3	4
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	3	3	1	4	2	3
1,1-DICHLOROETHYLENE	ug/L	4	5	2	7	4	4
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	1	NDa1	2	NDa1	1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NDa100	NDa50	NDa50	NDa50	NDa50
ACROLEIN	ug/L	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
ACRYLONITRILE	ug/L	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 12/26/85 85-12-2315-B 01	42" STORM STORM SEWER 01/02/86 86-1-100-B 01	42" STORM STORM SEWER 01/09/86 86-1-163-B 01	42" STORM STORM SEWER 01/16/86 86-1-193-B 01	42" STORM STORM SEWER 01/23/86 86-1-238-B 01	42" STORM STORM SEWER 01/30/86 86-1-281-B 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	7	5	ND@1	7	5	6
TRICHLOROETHYLENE ug/l	NA	NA	NA	NA	NA	NA
TRICHLOROFLUOROMETHANE ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE ug/l	ND@3	ND@3	ND@3	ND@3	ND@3	ND@3
XYLENE, TOTAL ug/l						

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42" STORM

SAMPLE LOCATION	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
SAMPLE DESCRIPTION	02/06/86	02/14/86	02/20/86	02/27/86	03/07/86	03/14/86
SAMPLE DATE	86-2-323-B	86-2-394-B	86-2-418-B	86-2-455-B	86-3-502-B	86-3-551-B
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	4	4	3	4	4	5
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	3	2	NDa1	2	3	4
1,1-DICHLOROETHYLENE	ug/L	4	4	4	4	5	7
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	1	NDa1	NDa1	NDa1	2	2
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
1-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
1-ACETONE	ug/L	NDa50	NDa50	NDa50	NDa50	NDa50	NDa50
1-ACROLEIN	ug/L	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
1-ACRYLONITRILE	ug/L	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
1-BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
1-BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1-BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
1-DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-ETHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 02/06/86 86-2-323-B 01	42" STORM STORM SEWER 02/14/86 86-2-394-B 01	42" STORM STORM SEWER 02/20/86 86-2-418-B 01	42" STORM STORM SEWER 02/27/86 86-2-455-B 01	42" STORM STORM SEWER 03/07/86 86-3-502-B 01	42" STORM STORM SEWER 03/14/86 86-3-551-B 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/l	8	5	6	6	7	9
TRICHLOROFLUOROMETHANE	ug/l	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
XYLENE, TOTAL	ug/l	NDa3	NDa3	NDa3	NDa3	NDa3	NDa3

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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	03/20/86	03/27/86	03/31/86	07/02/87	07/09/87	07/16/87
LABORATORY SAMPLE I.D.	86-3-610-B	86-3-650-B	86-3-568-I	87-6-2945-B	87-6-3023-B	87-7-3102-B
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	6	4	5	7	7	5
1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-DICHLOROETHANE	ug/L	4	4	3	3	3	2
1-DICHLOROETHYLENE	ug/L	7	6	5	6	7	4
2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
2-DICHLOROETHYLENE, TOTAL	ug/L	2	2	2	1	NDa1	NDa1
2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
1-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NDa50	NDa50	NA	NDa50	NDa50	NDa50
ACROLEIN	ug/L	NDa100	NDa100	NDa100	NA	NA	NA
ACRYLONITRILE	ug/L	NDa100	NDa100	NDa100	NA	NA	NA
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa5	NDa5	NDa5
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NA	NA	NA
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	7	NDa1	NDa1	3
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
03/20/86	03/27/86	03/31/86	07/02/87	07/09/87	07/16/87
86-3-610-B	86-3-650-B	86-3-568-I	87-6-2945-B	87-6-3023-B	87-7-3102-B
01	01	01	01	01	01

PARAMETER

UNITS

VOLATILE ORGANICS (Continued)

	10	7	ND@1	7	8	6
TRICHLOROETHYLENE	ug/L	NA	NA	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/L	NA	NA	ND@1	ND@1	ND@1
1,1-DICHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHYLENE, TOTAL	ug/L	ND@3	ND@3	ND@3	ND@3	ND@3

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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	07/23/87	07/30/87	08/06/87	08/13/87	08/20/87	08/27/87
LABORATORY SAMPLE I.D.	87-7-3189-B	87-7-3263-B	87-8-3367-B	87-8-3459-B	87-8-3554-B	87-8-3644-B
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

	ug/L	NA	NA	NA	NA	NA	NA
1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	12	4	5	6	7	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	3	2	3	3	2	NDa1
1,1-DICHLOROETHYLENE	ug/L	10	3	5	6	7	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NDa50	NDa50	NDa50	NDa50	NDa50	NDa50
ACROLEIN	ug/L	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/L	NA	NA	NA	NA	NA	NA
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	1	NDa1	3	9	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 07/23/87 87-7-3189-B 01	42" STORM STORM SEWER 07/30/87 87-7-3263-B 01	42" STORM STORM SEWER 08/06/87 87-8-3367-B 01	42" STORM STORM SEWER 08/13/87 87-8-3459-B 01	42" STORM STORM SEWER 08/20/87 87-8-3554-B 01	42" STORM STORM SEWER 08/27/87 87-8-3644-B 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/L	13	4	6	3	8	ND@1
TRICHLOROFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLORINE, TOTAL	ug/L	ND@3	ND@3	ND@3	ND@3	ND@3	ND@3

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42" STORM

SAMPLE LOCATION	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM REPLICATE	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
SAMPLE DESCRIPTION	09/03/87	09/10/87	09/10/87	09/17/87	10/01/87	10/08/87
SAMPLE DATE	87-9-3744-B	87-9-3861-B	87-9-3861-BD	87-9-3939-B	87-9-4105-B	87-10-4187-B
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM REPLICATE	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
1,2-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/l	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM REPLICATE	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/l	6	NDa1	NDa1	NDa1	8	3
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	2	3	3	5	2	NDa1
1,1-DICHLOROETHYLENE	ug/l	9	12	11	19	9	4
1,2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	1	1	2	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
ACETONE	ug/l	NDa50	NDa50	NDa50	NDa50	NDa50	NDa50
ACROLEIN	ug/l	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/l	NA	NA	NA	NA	NA	NA
BENZENE	ug/l	NDa1	5	4	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/l	3	8	6	NDa1	NDa1	NDa1
TOLUENE	ug/l	NDa1	10	10	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 09/03/87 87-9-3744-B 01	42" STORM STORM SEWER 09/10/87 87-9-3861-B 01	42" STORM REPLICATE 09/10/87 87-9-3861-BD 01	42" STORM STORM SEWER 09/17/87 87-9-3939-B 01	42" STORM STORM SEWER 10/01/87 87-9-4105-B 01	42" STORM STORM SEWER 10/08/87 87-10-4187-B 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	5	6	5	9	6	4
TRICHLOROETHYLENE ug/l	NDa1	NDa1	NDa1	NDa1	NA	NDa1
TRICHLOROFLUOROMETHANE ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
VINYL CHLORIDE ug/l	NDa3	6	6	NDa3	NDa3	NDa3
XYLENE, TOTAL ug/l						

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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	10/15/87	10/22/87	10/29/87	11/05/87	11/12/87	11/19/87
LABORATORY SAMPLE I.D.	87-10-4302-B	87-10-4384-B	87-10-4480-B	87-11-4581-B	87-11-4659-B	87-11-4741-B
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/l	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/l	5	8	6	8	14
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	3	3	2	3	5
1,1-DICHLOROETHYLENE	ug/l	NDa1	6	4	10	11
1,2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	1	NDa1	2	3
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA
ACETONE	ug/l	NDa50	NDa50	NDa50	NDa50	NDa50
ACROLEIN	ug/l	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/l	NA	NA	NA	NA	NA
BENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/l	NDa1	3	3	7	8
TOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1

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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	10/15/87	10/22/87	10/29/87	11/05/87	11/12/87	11/19/87
LABORATORY SAMPLE I.D.	87-10-4302-B	87-10-4384-B	87-10-4480-B	87-11-4581-B	87-11-4659-B	87-11-4741-B
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	5	7	3	9	4	9
TRICHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
TRICHLOROFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
VINYL CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
YLENE, TOTAL	ug/l	NDa3	NDa3	NDa3	NDa3	NDa3

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42" STORM

SAMPLE LOCATION	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
SAMPLE DESCRIPTION						
SAMPLE DATE	11/25/87	12/03/87	12/10/87	01/07/88	01/14/88	01/21/88
LABORATORY SAMPLE I.D.	87-11-4828-B	87-12-4914-B	87-12-5024-B	88-1-155-B	88-1-252-B	88-1-346-B
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	5	6	4	6	4	6
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	2	2	2	2	NDa1	2
1,1-DICHLOROETHYLENE	ug/L	4	4	5	5	2	5
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NDa50	NDa50	NDa50	NDa50	NDa50	NDa50
ACROLEIN	ug/L	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/L	NA	NA	NA	NA	NA	NA
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	1	2	1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 11/25/87 87-11-4828-B 01	42" STORM STORM SEWER 12/03/87 87-12-4914-B 01	42" STORM STORM SEWER 12/10/87 87-12-5024-B 01	42" STORM STORM SEWER 01/07/88 88-1-155-B 01	42" STORM STORM SEWER 01/14/88 88-1-252-B 01	42" STORM STORM SEWER 01/21/88 88-1-346-B 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	4	7	5	6	5	8
TRICHLOROETHYLENE ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRICHLOROFLUOROMETHANE ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
VINYL CHLORIDE ug/l	NDa3	NDa3	NDa3	NDa3	NDa3	NDa3
XYLENE, TOTAL ug/l						

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42" STORM

SAMPLE LOCATION	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
SAMPLE DESCRIPTION	01/28/88	02/04/88	02/11/88	02/18/88	02/25/88	03/03/88
SAMPLE DATE	88-1-429-B	88-2-535-B	88-2-632-B	88-2-702-B	88-2-809-B	88-3-910-B
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

	ug/l	NA	NA	NA	NA	NA	NA
1,2-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/l	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

	ug/l	NA	NA	NA	NA	NA	NA
1,1,1,2-TETRACHLOROETHANE	ug/l	6	7	7	5	4	7
1,1,1-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	3	3	5	2	1	2
1,1-DICHLOROETHANE	ug/l	5	6	6	5	3	6
1,1-DICHLOROETHYLENE	ug/l	NA	NA	NA	NA	NA	NA
1,2,3-TRICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/l	NDa1	1	NDa1	1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA	NA
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
ACETONE	ug/l	NDa50	NDa50	NDa50	NDa50	NDa50	NDa50
ACROLEIN	ug/l	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/l	NA	NA	NA	NA	NA	NA
BENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 01/28/88 88-1-429-B 01	42" STORM STORM SEWER 02/04/88 88-2-535-B 01	42" STORM STORM SEWER 02/11/88 88-2-632-B 01	42" STORM STORM SEWER 02/18/88 88-2-702-B 01	42" STORM STORM SEWER 02/25/88 88-2-809-B 01	42" STORM STORM SEWER 03/03/88 88-3-910-B 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/l	6	7	7	6	4	7
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	ND@3	ND@3	ND@3	ND@3	ND@3	ND@3

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42" STORM

SAMPLE LOCATION	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
SAMPLE DESCRIPTION						
SAMPLE DATE	03/10/88	03/24/88	03/31/88	04/07/88	04/13/88	04/21/88
LABORATORY SAMPLE I.D.	88-3-1030-B	88-3-1246-B	88-3-1340-B	88-4-1464-B	88-4-1615-B	88-4-1725-B
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
1,2-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/l	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/l	5	5	5	3	5	8
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	2	2	2	NDa1	2	NDa1
1,1-DICHLOROETHYLENE	ug/l	5	4	4	2	5	3
1,2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
ACETONE	ug/l	NDa50	NDa50	NDa50	NDa50	NDa50	NDa50
ACROLEIN	ug/l	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/l	NA	NA	NA	NA	NA	NA
BENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORO BENZENE	ug/l	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 03/10/88 88-3-1030-B 01	42" STORM STORM SEWER 03/24/88 88-3-1246-B 01	42" STORM STORM SEWER 03/31/88 88-3-1340-B 01	42" STORM STORM SEWER 04/07/88 88-4-1464-B 01	42" STORM STORM SEWER 04/13/88 88-4-1615-B 01	42" STORM STORM SEWER 04/21/88 88-4-1725-B 01
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PARAMETER

UNITS

VOLATILE ORGANICS (Continued)

	6	5	5	4	5	5
RICHLORETHYLENE ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
RICHLORETHYLENE ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORIDE ug/l	NDa3	NDa3	NDa3	NDa3	NDa3	NDa3
YLENE, TOTAL ug/l						

IBM Mid Hudson Valley - Kingston Site
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42" STORM

SAMPLE LOCATION	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
SAMPLE DESCRIPTION	04/28/88	05/05/88	05/12/88	05/19/88	05/26/88	06/02/88
SAMPLE DATE	88-4-1829-B	88-5-1961-B	88-5-2079-B	88-5-2191-B	88-5-2284-B	88-6-2368-B
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	5	4	6	11	NDa1	3
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	2	3	4	1	2	1
1,1-DICHLOROETHYLENE	ug/L	8	5	7	7	6	4
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	4	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
1-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NDa50	NDa50	NDa50	NDa50	NDa50	NDa50
ACROLEIN	ug/L	NA	NA	NA	NA	NA	NDa100
ACRYLONITRILE	ug/L	NA	NA	NA	NA	NA	NDa100
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 04/28/88 88-4-1829-B 01	42" STORM STORM SEWER 05/05/88 88-5-1961-B 01	42" STORM STORM SEWER 05/12/88 88-5-2079-B 01	42" STORM STORM SEWER 05/19/88 88-5-2191-B 01	42" STORM STORM SEWER 05/26/88 88-5-2284-B 01	42" STORM STORM SEWER 06/02/88 88-6-2368-B 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	7	4	6	5	3	3
TRICHLOROETHYLENE ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE ug/L	ND@3	ND@3	ND@3	ND@3	ND@3	ND@3
ETHYLENE, TOTAL ug/L						

IBM Mid Hudson Valley - Kingston Site
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42" STORM

SAMPLE LOCATION	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
SAMPLE DESCRIPTION	06/09/88	06/16/88	06/23/88	06/30/88	07/07/88	07/14/88
SAMPLE DATE	88-6-2528-B	88-6-2619-B	88-6-2722-B	88-6-2820-B	88-7-2915-B	88-7-3045-B
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
1,2-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/l	ND@10	ND@10	ND@10	ND@10	ND@10	ND@10

VOLATILE ORGANICS

PARAMETER	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/l	7	6	9	6	7	5
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	4	2	3	2	3	2
1,1-DICHLOROETHYLENE	ug/l	12	4	9	5	6	4
1,2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	1	ND@1	1	ND@1	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
ACETONE	ug/l	ND@50	ND@50	ND@50	ND@50	ND@50	ND@50
ACROLEIN	ug/l	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/l	NA	NA	NA	NA	NA	NA
BENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@5	ND@5	ND@5	ND@5	ND@5	ND@5
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
ETHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1

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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	06/09/88	06/16/88	06/23/88	06/30/88	07/07/88	07/14/88
LABORATORY SAMPLE I.D.	88-6-2528-B	88-6-2619-B	88-6-2722-B	88-6-2820-B	88-7-2915-B	88-7-3045-B
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	8	5	8	6	7	5
TRICHLOROETHYLENE ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRICHLOROFLUOROMETHANE ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
VINYL CHLORIDE ug/l	NDa3	NDa3	NDa3	NDa3	NDa1	NDa3
XYLENE, TOTAL ug/l						

IBM Mid Hudson Valley - Kingston Site
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42" STORM

SAMPLE LOCATION	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
SAMPLE DESCRIPTION	07/21/88	07/28/88	08/04/88	08/11/88	08/18/88	08/25/88
SAMPLE DATE	88-7-3151-B	88-7-3266-B	88-8-3366-B	88-8-3501-B	88-8-3616-B	88-8-3711-B
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	1	7	6	7	NDa1	6
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-DICHLOROETHANE	ug/L	NDa1	3	4	3	NDa1	2
1-DICHLOROETHYLENE	ug/L	2	7	8	6	NDa1	6
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	1	NDa1	NDa1	NDa1	1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
1-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
1-CETONE	ug/L	NDa50	NDa50	NDa50	NDa50	NDa50	NDa50
1-CROLEIN	ug/L	NA	NA	NA	NA	NA	NA
1-CRYLONITRILE	ug/L	NA	NA	NA	NA	NA	NA
1-BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
1-BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1-BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-BROMOFORM	ug/L	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
1-BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1-CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
1-DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-ETHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 07/21/88 88-7-3151-B 01	42" STORM STORM SEWER 07/28/88 88-7-3266-B 01	42" STORM STORM SEWER 08/04/88 88-8-3366-B 01	42" STORM STORM SEWER 08/11/88 88-8-3501-B 01	42" STORM STORM SEWER 08/18/88 88-8-3616-B 01	42" STORM STORM SEWER 08/25/88 88-8-3711-B 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/l	2	7	6	7	ND@1	7
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	ND@3	ND@3	ND@3	ND@3	ND@3	ND@3

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42" STORM

SAMPLE LOCATION	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
SAMPLE DESCRIPTION	09/01/88	09/08/88	09/15/88	09/22/88	09/29/88	10/06/88
SAMPLE DATE	88-9-3803-B	88-9-3923-B	88-9-4055-B	88-9-4186-B	88-9-4301-B	88-10-4408-B
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	5	4	3	4	3	1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	2	2	1	2	2	NDa1
1,1-DICHLOROETHYLENE	ug/L	4	5	3	4	4	1
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NDa50	NDa50	NDa50	NDa50	NDa50	NDa50
ACROLEIN	ug/L	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/L	NA	NA	NA	NA	NA	NA
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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Last Updated: 01/18/94

42" STORM

AMPLE LOCATION
AMPLE DESCRIPTION
AMPLE DATE
LABORATORY SAMPLE I.D.
AMPLE RUN NUMBER
AMPLE COMMENT CODES

42" STORM STORM SEWER 09/01/88 88-9-3803-B 01	42" STORM STORM SEWER 09/08/88 88-9-3923-B 01	42" STORM STORM SEWER 09/15/88 88-9-4055-B 01	42" STORM STORM SEWER 09/22/88 88-9-4186-B 01	42" STORM STORM SEWER 09/29/88 88-9-4301-B 01	42" STORM STORM SEWER 10/06/88 88-10-4408-B 01
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PARAMETER UNITS

OLATILE ORGANICS (Continued)

	4	5	4	4	3	3
RICHLOROETHYLENE ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
RICHLOROFLUOROMETHANE ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
INYL CHLORIDE ug/l	ND@3	ND@3	ND@3	ND@3	ND@3	ND@3
YLENE, TOTAL ug/l						

IBM Mid Hudson Valley - Kingston Site
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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	10/13/88	10/20/88	10/27/88	11/03/88	11/10/88	11/17/88
LABORATORY SAMPLE I.D.	88-10-4536-B	88-10-4643-B	88-10-4775-B	88-11-4879-B	88-11-4994-B	88-11-5123-B
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/l	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/l	2	9	6	NDa1	7
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	NDa1	3	2	NDa1	3
1,1-DICHLOROETHYLENE	ug/l	1	3	3	NDa1	6
1,2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA
ACETONE	ug/l	NDa50	NDa50	NDa50	NDa50	NDa50
ACROLEIN	ug/l	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/l	NA	NA	NA	NA	NA
BENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 10/13/88 88-10-4536-B 01	42" STORM STORM SEWER 10/20/88 88-10-4643-B 01	42" STORM STORM SEWER 10/27/88 88-10-4775-B 01	42" STORM STORM SEWER 11/03/88 88-11-4879-B 01	42" STORM STORM SEWER 11/10/88 88-11-4994-B 01	42" STORM STORM SEWER 11/17/88 88-11-5123-B 01
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PARAMETER

UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/L	1	3	3	NDa1	4	3
TRICHLOROFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
VINYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
XYLENE, TOTAL	ug/L	NDa3	NDa3	NDa3	NDa3	NDa3	NDa3

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 11/23/88 88-11-5219-B 01	42" STORM STORM SEWER 12/01/88 88-12-5309-B 01	42" STORM STORM SEWER 12/08/88 88-12-5431-B 01	42" STORM STORM SEWER 12/15/88 88-12-5535-B 01	42" STORM STORM SEWER 12/22/88 88-12-5684-B 01	42" STORM STORM SEWER 12/29/88 88-12-5735-B 01
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PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	42" STORM STORM SEWER 11/23/88 88-11-5219-B 01	42" STORM STORM SEWER 12/01/88 88-12-5309-B 01	42" STORM STORM SEWER 12/08/88 88-12-5431-B 01	42" STORM STORM SEWER 12/15/88 88-12-5535-B 01	42" STORM STORM SEWER 12/22/88 88-12-5684-B 01	42" STORM STORM SEWER 12/29/88 88-12-5735-B 01
1,2-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/l	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	42" STORM STORM SEWER 11/23/88 88-11-5219-B 01	42" STORM STORM SEWER 12/01/88 88-12-5309-B 01	42" STORM STORM SEWER 12/08/88 88-12-5431-B 01	42" STORM STORM SEWER 12/15/88 88-12-5535-B 01	42" STORM STORM SEWER 12/22/88 88-12-5684-B 01	42" STORM STORM SEWER 12/29/88 88-12-5735-B 01
1,1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/l	5	6	4	6	6	7
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	2	2	2	4	2	3
1,1-DICHLOROETHYLENE	ug/l	3	4	4	11	4	5
1,2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
ACETONE	ug/l	NDa50	NDa50	NDa50	NDa50	NDa50	NDa50
ACROLEIN	ug/l	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/l	NA	NA	NA	NA	NA	NA
BENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 11/23/88 88-11-5219-B 01	42" STORM STORM SEWER 12/01/88 88-12-5309-B 01	42" STORM STORM SEWER 12/08/88 88-12-5431-B 01	42" STORM STORM SEWER 12/15/88 88-12-5535-B 01	42" STORM STORM SEWER 12/22/88 88-12-5684-B 01	42" STORM STORM SEWER 12/29/88 88-12-5735-B 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/l	4	5	4	9	4	6
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	ND@3	ND@3	ND@3	ND@3	ND@3	ND@3

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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	01/05/89	01/12/89	01/19/89	01/26/89	02/02/89	02/09/89
LABORATORY SAMPLE I.D.	89-1-5827-B	89-1-118-B	89-1-236-B	89-1-341-B	89-2-445-B	89-02-565-B
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/l	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/l	6	7	7	7	6	4
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	2	4	3	3	2	2
1,1-DICHLOROETHYLENE	ug/l	4	6	5	5	4	4
1,2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
ACETONE	ug/l	NDa50	NDa50	NDa50	NDa50	NDa50	NDa50
ACROLEIN	ug/l	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/l	NA	NA	NA	NA	NA	NA
BENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 01/05/89 89-1-5827-B 01	42" STORM STORM SEWER 01/12/89 89-1-118-B 01	42" STORM STORM SEWER 01/19/89 89-1-236-B 01	42" STORM STORM SEWER 01/26/89 89-1-341-B 01	42" STORM STORM SEWER 02/02/89 89-2-445-B 01	42" STORM STORM SEWER 02/09/89 89-02-565-B 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/l	5	5	6	6	5	4
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	ND@3	ND@3	ND@3	ND@3	ND@3	ND@3

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Storm Sewer Outfall Data Report
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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	02/16/89	02/23/89	03/02/89	03/16/89	03/23/89	03/30/89
LABORATORY SAMPLE I.D.	89-02-681-B	89-02-759-B	89-3-879-2	89-03-1156-B	89-03-1261-B	89-3-1359-B
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	8	4	5	3	5	2
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	3	2	2	1	3	2
1,1-DICHLOROETHYLENE	ug/L	7	6	5	3	5	4
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NDa50	NDa50	NDa50	NDa50	NDa50	NDa50
ACROLEIN	ug/L	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/L	NA	NA	NA	NA	NA	NA
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Outfall Data Report
Last Updated: 01/18/94

42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 02/16/89 89-02-681-B 01	42" STORM STORM SEWER 02/23/89 89-02-759-B 01	42" STORM STORM SEWER 03/02/89 89-3-879-2 01	42" STORM STORM SEWER 03/16/89 89-03-1156-B 01	42" STORM STORM SEWER 03/23/89 89-03-1261-B 01	42" STORM STORM SEWER 03/30/89 89-3-1359-B 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/l	7	5	4	2	5	2
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	ND@3	ND@3	ND@3	ND@3	ND@3	ND@3

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Storm Sewer Outfall Data Report
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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 04/06/89 89-4-1486-B 01	42" STORM STORM SEWER 04/13/89 89-4-1597-B 01	42" STORM STORM SEWER 04/20/89 89-4-1738-B 01	42" STORM STORM SEWER 04/27/89 89-4-1845-B 01	42" STORM STORM SEWER 05/04/89 89-5-1978-B 01	42" STORM STORM SEWER 05/11/89 89-5-2093-2 01
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PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	42" STORM STORM SEWER 04/06/89 89-4-1486-B 01	42" STORM STORM SEWER 04/13/89 89-4-1597-B 01	42" STORM STORM SEWER 04/20/89 89-4-1738-B 01	42" STORM STORM SEWER 04/27/89 89-4-1845-B 01	42" STORM STORM SEWER 05/04/89 89-5-1978-B 01	42" STORM STORM SEWER 05/11/89 89-5-2093-2 01
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	42" STORM STORM SEWER 04/06/89 89-4-1486-B 01	42" STORM STORM SEWER 04/13/89 89-4-1597-B 01	42" STORM STORM SEWER 04/20/89 89-4-1738-B 01	42" STORM STORM SEWER 04/27/89 89-4-1845-B 01	42" STORM STORM SEWER 05/04/89 89-5-1978-B 01	42" STORM STORM SEWER 05/11/89 89-5-2093-2 01
1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	3	6	NDa1	NDa1	8	4
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	2	4	4	5	4	3
1,1-DICHLOROETHYLENE	ug/L	3	8	6	10	9	6
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NDa50	NDa50	NDa50	NDa50	NDa50	NDa50
ACROLEIN	ug/L	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/L	NA	NA	NA	NA	NA	NA
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 04/06/89 89-4-1486-B 01	42" STORM STORM SEWER 04/13/89 89-4-1597-B 01	42" STORM STORM SEWER 04/20/89 89-4-1738-B 01	42" STORM STORM SEWER 04/27/89 89-4-1845-B 01	42" STORM STORM SEWER 05/04/89 89-5-1978-B 01	42" STORM STORM SEWER 05/11/89 89-5-2093-2 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/L	2	5	NDa1	7	6	4
TRICHLOROFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
VINYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
XYLENE, TOTAL	ug/L	NDa3	NDa3	NDa3	NDa3	NDa3	NDa3

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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	05/18/89	05/25/89	06/01/89	06/08/89	06/15/89	06/29/89
LABORATORY SAMPLE I.D.	89-5-2215-B	89-5-2330-B	89-6-2419-B	89-6-2571-2	89-6-2709-B	89-6-2910-2
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	6	6	8	6	6	4
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	3	4	4	4	3	3
1,1-DICHLOROETHYLENE	ug/L	6	6	8	6	6	4
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	1	NDa1	1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NDa50	NDa50	NDa50	NDa50	NA	NDa50
ACROLEIN	ug/L	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/L	NA	NA	NA	NA	NA	NA
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	1	1	NDa1	3	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 05/18/89 89-5-2215-B 01	42" STORM STORM SEWER 05/25/89 89-5-2330-B 01	42" STORM STORM SEWER 06/01/89 89-6-2419-B 01	42" STORM STORM SEWER 06/08/89 89-6-2571-2 01	42" STORM STORM SEWER 06/15/89 89-6-2709-B 01	42" STORM STORM SEWER 06/29/89 89-6-2910-2 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	5	6	7	5	5	5
TRICHLOROETHYLENE ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE ug/l	ND@3	ND@3	ND@3	ND@3	ND@3	ND@3
XYLENE, TOTAL ug/l						

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Storm Sewer Outfall Data Report
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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 07/07/89 89-7-3024-2 01	42" STORM STORM SEWER 07/13/89 89-7-3151-2 01	42" STORM STORM SEWER 07/20/89 89-7-3267-02 01	42" STORM STORM SEWER 07/27/89 89-7-3387-02 01	42" STORM STORM SEWER 08/03/89 89-8-3517-02 01	42" STORM STORM SEWER 08/10/89 89-8-3660-2 01
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PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/l	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/l	5	6	7	5	5	5
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	3	4	4	3	3	3
1,1-DICHLOROETHYLENE	ug/l	5	6	7	5	5	5
1,2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	NDa1	1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
ACETONE	ug/l	NDa50	NDa50	NDa50	NDa50	NDa50	NDa50
ACROLEIN	ug/l	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/l	NA	NA	NA	NA	NA	NA
BENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	07/07/89	07/13/89	07/20/89	07/27/89	08/03/89	08/10/89
LABORATORY SAMPLE I.D.	89-7-3024-2	89-7-3151-2	89-7-3267-02	89-7-3387-02	89-8-3517-02	89-8-3660-2
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	5	5	7	5	5	5
TRICHLOROETHYLENE ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRICHLOROFLUOROMETHANE ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
VINYL CHLORIDE ug/l	NDa3	NDa3	NDa3	NDa3	NDa3	NDa3
XYLENE, TOTAL ug/l						

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 08/17/89 89-8-3753-02 01	42" STORM STORM SEWER 08/24/89 89-8-3864-02 01	42" STORM STORM SEWER 08/31/89 89-8-3989-02 01	42" STORM STORM SEWER 09/07/89 89-9-4104-2 01	42" STORM STORM SEWER 09/14/89 89-9-4245-2 01	42" STORM STORM SEWER 09/21/89 89-9-4357-2 01
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PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	42" STORM STORM SEWER 08/17/89 89-8-3753-02 01	42" STORM STORM SEWER 08/24/89 89-8-3864-02 01	42" STORM STORM SEWER 08/31/89 89-8-3989-02 01	42" STORM STORM SEWER 09/07/89 89-9-4104-2 01	42" STORM STORM SEWER 09/14/89 89-9-4245-2 01	42" STORM STORM SEWER 09/21/89 89-9-4357-2 01
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	42" STORM STORM SEWER 08/17/89 89-8-3753-02 01	42" STORM STORM SEWER 08/24/89 89-8-3864-02 01	42" STORM STORM SEWER 08/31/89 89-8-3989-02 01	42" STORM STORM SEWER 09/07/89 89-9-4104-2 01	42" STORM STORM SEWER 09/14/89 89-9-4245-2 01	42" STORM STORM SEWER 09/21/89 89-9-4357-2 01
1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	NDa1	6	5	9	1	5
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	4	4	3	5	1	3
1,1-DICHLOROETHYLENE	ug/L	6	7	5	13	2	5
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	1	1	NDa1	1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NDa50	NDa50	NDa50	NDa50	NDa50	NDa50
ACROLEIN	ug/L	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/L	NA	NA	NA	NA	NA	NA
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	2	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
08/17/89	08/24/89	08/31/89	09/07/89	09/14/89	09/21/89
89-8-3753-02	89-8-3864-02	89-8-3989-02	89-9-4104-2	89-9-4245-2	89-9-4357-2
01	01	01	01	01	01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/l	6	5	6	8	ND@1	5
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	ND@3	ND@3	ND@3	ND@3	ND@3	ND@3

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42" STORM

SAMPLE LOCATION	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
SAMPLE DESCRIPTION	09/28/89	10/05/89	10/12/89	10/19/89	10/26/89	11/02/89
SAMPLE DATE	89-9-4476-02	89-10-4597-2	89-10-4734-2	89-10-4846-2	89-10-4965-2	89-11-508202
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
1,2-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/l	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/l	5	4	6	NDa1	5	9
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	4	2	3	NDa1	3	4
1,1-DICHLOROETHYLENE	ug/l	7	3	5	NDa1	5	8
1,2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA	NA
1-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
ACETONE	ug/l	NDa50	NDa50	NDa50	NDa50	NDa50	NDa50
ACROLEIN	ug/l	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/l	NA	NA	NA	NA	NA	NA
BENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 09/28/89 89-9-4476-02 01	42" STORM STORM SEWER 10/05/89 89-10-4597-2 01	42" STORM STORM SEWER 10/12/89 89-10-4734-2 01	42" STORM STORM SEWER 10/19/89 89-10-4846-2 01	42" STORM STORM SEWER 10/26/89 89-10-4965-2 01	42" STORM STORM SEWER 11/02/89 89-11-508202 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	7	3	5	ND@1	5	7
TRICHLOROETHYLENE ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE ug/l	ND@3	ND@3	ND@3	ND@3	ND@3	ND@3
ETHYLENE, TOTAL ug/l						

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 11/09/89 89-11-522902 01	42" STORM STORM SEWER 11/16/89 89-11-533302 01	42" STORM STORM SEWER 11/22/89 89-11-544302 01	42" STORM STORM SEWER 12/07/89 89-12-564502 01	42" STORM STORM SEWER 12/14/89 89-12-577702 01	42" STORM STORM SEWER 12/21/89 89-12-588002 01
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PARAMETER UNITS

ASE/NEUTRAL EXTRACTABLES

	ug/l	NA	NA	NA	NA	NA	NA
2-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
3-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
4-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
-CHLOROETHYL VINYL ETHER	ug/l	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

OLATILE ORGANICS

	ug/l	NA	NA	NA	NA	NA	NA
1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,1-TRICHLOROETHANE	ug/l	3	3	4	3	4	4
1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-DICHLOROETHANE	ug/l	2	2	3	2	2	2
1-DICHLOROETHYLENE	ug/l	3	3	5	3	4	4
2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA	NA
2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA	NA
-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
CETONE	ug/l	NDa50	NDa50	NDa50	NDa50	NDa50	NDa50
COLEIN	ug/l	NA	NA	NA	NA	NA	NA
CRYLONITRILE	ug/l	NA	NA	NA	NA	NA	NA
ENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/l	NA	NA	NA	NA	NA	NA
CHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
THYLBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 11/09/89 89-11-522902 01	42" STORM STORM SEWER 11/16/89 89-11-533302 01	42" STORM STORM SEWER 11/22/89 89-11-544302 01	42" STORM STORM SEWER 12/07/89 89-12-564502 01	42" STORM STORM SEWER 12/14/89 89-12-577702 01	42" STORM STORM SEWER 12/21/89 89-12-588002 01
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PARAMETER UNITS

OLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/l	3	3	5	3	4	4
TRICHLOROFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
VINYL CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLENE, TOTAL	ug/l	NDa3	NDa3	NDa3	NDa3	NDa3	NDa3

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42" STORM

SAMPLE LOCATION	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
SAMPLE DESCRIPTION	12/28/89	01/04/90	01/11/90	01/18/90	01/25/90	02/08/90
SAMPLE DATE	89-12-594602	90-1-0048-02	90-1-0179-02	90-1-0277-02	90-1-0388-02	9002096 10
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1-TRICHLOROETHANE	ug/L	4	5	4	5	NDa1	7
1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-DICHLOROETHANE	ug/L	2	3	3	3	NDa1	5
1-DICHLOROETHYLENE	ug/L	3	5	4	6	1	11
2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NA
2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
1-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
1-CETONE	ug/L	NDa50	NDa50	NDa50	NDa50	NDa50	NA
1-CROLEIN	ug/L	NA	NA	NA	NA	NA	NA
1-CRYLONITRILE	ug/L	NA	NA	NA	NA	NA	NA
1-BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
1-BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1-BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-BROMOFORM	ug/L	NDa5	NDa5	NDa5	NDa5	NDa5	NDa1
1-BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1-CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
1-DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-ETHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 12/28/89 89-12-594602 01	42" STORM STORM SEWER 01/04/90 90-1-0048-02 01	42" STORM STORM SEWER 01/11/90 90-1-0179-02 01	42" STORM STORM SEWER 01/18/90 90-1-0277-02 01	42" STORM STORM SEWER 01/25/90 90-1-0388-02 01	42" STORM STORM SEWER 02/08/90 900209G 10 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	4	5	4	5	1	6
TRICHLOROETHYLENE ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE ug/l	ND@3	ND@3	ND@3	ND@3	ND@3	ND@1
XYLENE, TOTAL ug/l						

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 04/12/90 900413C 13 01	42" STORM STORM SEWER 05/10/90 900510Q 11 01	42" STORM STORM SEWER 05/24/90 900524N 06 01	42" STORM STORM SEWER 06/15/90 900615A 09 01	42" STORM STORM SEWER 07/13/90 900713Z 09 01	42" STORM STORM SEWER 08/09/90 900809M 08 01
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PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	8	5	9	9	8
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	4	3	6	6	4
1,1-DICHLOROETHYLENE	ug/L	11	9	13	12	7
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NA	NA	NA	NA	NA
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA
ACETONE	ug/L	NDa1000	NDa1000	NDa1000	NDa1000	NA
ACROLEIN	ug/L	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/L	NA	NA	NA	NA	NA
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
04/12/90	05/10/90	05/24/90	06/15/90	07/13/90	08/09/90
900413C 13	900510Q 11	900524N 06	900615A 09	900713Z 09	900809M 08
01	01	01	01	01	01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	7	4	7	8	6	4
TRICHLOROETHYLENE	ug/l	ND@10	ND@10	ND@10	ND@10	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@10	ND@10	ND@10	ND@10	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
YLENE, TOTAL	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1

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42" STORM

SAMPLE LOCATION	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
SAMPLE DESCRIPTION	09/13/90	10/11/90	12/13/90	01/10/91	02/02/93	06/25/93
SAMPLE DATE	900914C 08	901012A 09	901214A 08	910110F 09	120249-03	124998-02
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

VOLATILE ORGANICS

PARAMETER	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	11	9	6	3	3.9	3.5
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	9	9	6	2	5.9	4.1
1,1-DICHLOROETHYLENE	ug/L	13	13	1	5	9.1	5.3
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NA	NA	NA	NA	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	1.2	1.1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NDa1	NDa1
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/L	NA	NA	NA	NA	NA	NA
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NA	NA
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NDa1	NDa1
BROMOBENZENE	ug/L	NA	NA	NA	NA	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa10	NDa10	NDa5	NDa5	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NA	NA	NA	NA	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa10	NDa10	NDa5	NDa5	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa10	NDa10	NDa5	NDa5	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa10	NDa10	NDa5	NDa5	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NA	NA
METHYLENE CHLORIDE	ug/L	2	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
09/13/90	10/11/90	12/13/90	01/10/91	02/02/93	06/25/93
900914C 08	901012A 09	901214A 08	910110F 09	120249-03	124998-02
01	01	01	01	01	01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	12	7	9	4	6.7	5.3
TRICHLOROETHYLENE	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
TRICHLOROFLUOROMETHANE	ND@10	ND@10	ND@5	ND@5	ND@1	ND@1
PERFLUORINATED POLYETHYLENE	ND@10	ND@10	ND@5	ND@5	ND@1	ND@1
XYLENE, TOTAL	ND@1	ND@1	ND@1	ND@1	NA	NA

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 07/12/93 125517-02 01	42" STORM STORM SEWER 07/19/93 125807-02 01	42" STORM STORM SEWER 07/19/93 125807-15 01	42" STORM STORM SEWER 07/19/93 125807-28 01	42" STORM STORM SEWER 07/20/93 125807-34 01	42" STORM STORM SEWER 07/23/93 125981-39 01
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PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/l	4.4	4.7	3.3	1.2	3.8	3.8
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	4.8	5.2	3.9	1.5	4.7	4.5
1,1-DICHLOROETHYLENE	ug/l	7	5.1	5.1	2.2	6.9	6.8
1,2,3-TRICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	1.2	1.2	NDa1	NDa1	1.1	1
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ACETONE	ug/l	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/l	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/l	NA	NA	NA	NA	NA	NA
BENZENE	ug/l	NA	NA	NA	NA	NA	NA
BENZYL CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/l	NA	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/l	NA	NA	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 07/12/93 125517-02 01	42" STORM STORM SEWER 07/19/93 125807-02 01	42" STORM STORM SEWER 07/19/93 125807-15 01	42" STORM STORM SEWER 07/19/93 125807-28 01	42" STORM STORM SEWER 07/20/93 125807-34 01	42" STORM STORM SEWER 07/23/93 125981-39 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/l	5.8	6.8	5.2	2	6	5.5
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM	42" STORM
STORM SEWER	STORM SEWER
08/05/93	08/23/93
126491-02	127151-02
01	01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/l	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/l	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/l	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/l	NDa1	NDa1

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/l	4.2	3.8
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	4.7	4.3
1,1-DICHLOROETHYLENE	ug/l	7.4	6.1
1,2,3-TRICHLOROPROPANE	ug/l	NDa1	NDa1
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	1	1.2
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NDa1	NDa1
4-CHLOROTOLUENE	ug/l	NDa1	NDa1
ACETONE	ug/l	NA	NA
ACROLEIN	ug/l	NA	NA
ACRYLONITRILE	ug/l	NA	NA
BENZENE	ug/l	NA	NA
BENZYL CHLORIDE	ug/l	NDa1	NDa1
BROMOBENZENE	ug/l	NDa1	NDa1
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1
BROMOFORM	ug/l	NDa1	NDa1
BROMOMETHANE	ug/l	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1
CHLOROBENZENE	ug/l	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1
DIBROMOMETHANE	ug/l	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1
ETHYLBENZENE	ug/l	NA	NA
METHYLENE CHLORIDE	ug/l	NDa1	NDa1
TETRACHLOROETHYLENE	ug/l	NDa1	NDa1
TOLUENE	ug/l	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa1	NDa1

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM	42" STORM
STORM SEWER	STORM SEWER
08/05/93	08/23/93
126491-02	127151-02
01	01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/l	5.4	5.8
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA

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Last Updated: 01/18/94

60" STORM

SAMPLE LOCATION	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER
SAMPLE DESCRIPTION	12/16/81	06/21/82	10/04/82	12/08/82	03/17/83	06/29/83
SAMPLE DATE	81-12-9622-5	82-6-10600-2	82-9-11203TT	82-12-115062	83-3-12030-2	83-6-12512-3
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER
1,2-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/l	NDa5	NDa1	NDa3	NDa3	NDa3	NDa3

VOLATILE ORGANICS

PARAMETER	UNITS	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/l	139	48	137	20	5.3	3.2
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa3	NDa3
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa3	NDa3
1,1-DICHLOROETHANE	ug/l	7	2	12	NDa3	NDa3	NDa3
1,1-DICHLOROETHYLENE	ug/l	25	3	3	5.0	NDa3	NDa3
1,2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/l	5	2	NDa3	NDa3	NDa3	NDa3
1,2-DICHLOROETHYLENE, TOTAL	ug/l	4	2	5	NDa3	NDa3	NDa3
1,2-DICHLOROPROPANE	ug/l	NDa2	NDa1	NDa3	NDa3	NDa3	NDa3
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
ACETONE	ug/l	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/l	NDa200	NDa100	NDa100	NDa100	NDa100	NDa100
ACRYLONITRILE	ug/l	NDa200	NDa100	NDa100	NDa100	NDa100	NDa100
BENZENE	ug/l	NDa5	NDa1	NDa3	NDa3	NDa3	NDa3
BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa3	NDa3
BROMOFORM	ug/l	NDa2	NDa1	NDa3	NDa3	NDa3	NDa3
BROMOMETHANE	ug/l	NDa5	NDa1	NDa3	NDa3	NDa3	NDa3
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	21	NDa3	NDa3	NDa3
CHLOROBENZENE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa3	NDa3
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa3	NDa3
CHLOROETHANE	ug/l	NDa5	NDa1	NDa3	NDa3	NDa3	NDa3
CHLOROFORM	ug/l	1	1	NDa3	NDa3	NDa3	NDa3
CHLOROMETHANE	ug/l	NDa5	NDa1	NDa3	NDa3	NDa3	NDa3
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa2	NDa1	NDa3	NDa3	NDa3	NDa3
DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa3	NDa3
ETHYLBENZENE	ug/l	NDa5	NDa1	NDa3	NDa3	NDa3	NDa3
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa3	NDa3
TETRACHLOROETHYLENE	ug/l	2	NDa1	NDa3	NDa3	NDa3	NDa3
TOLUENE	ug/l	NDa5	NDa1	NDa3	NDa3	NDa3	NDa3
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa2	NDa1	NDa3	NDa3	NDa3	NDa3

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Outfall Data Report
Last Updated: 01/18/94

60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	12/16/81	06/21/82	10/04/82	12/08/82	03/17/83	06/29/83
LABORATORY SAMPLE I.D.	81-12-9622-5	82-6-10600-2	82-9-11203TT	82-12-115062	83-3-12030-2	83-6-12512-3
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

PARAMETER	UNITS	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
TRICHLOROETHYLENE	ug/L	155	62	135	23	ND@3	21
TRICHLOROFLUOROMETHANE	ug/L	ND@1	ND@1	ND@3	ND@3	ND@3	ND@3
PERCHLORINYL CHLORIDE	ug/L	ND@5	ND@1	ND@3	ND@3	ND@3	ND@3
ETHYLENE, TOTAL	ug/L	NA	NA	NA	NA	NA	NA

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Outfall Data Report
Last Updated: 01/18/94

60" STORM

AMPLE LOCATION	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER
AMPLE DESCRIPTION	08/12/83	01/05/84	03/20/84	03/22/84	04/26/84	05/03/84
AMPLE DATE	83-9-12820-6	84-1-132-3	84-3-478-3	84-3-480-C	84-4-701-C	84-5-749-C
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
AMPLE RUN NUMBER						
AMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1-CHLOROETHYL VINYL ETHER	ug/L	NDa3	NDa3	NDa3	NDa10	NDa10	NDa1

VOLATILE ORGANICS

PARAMETER	UNITS	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	3.3	250	200	213	1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa3	NDa3	NDa3	NDa10	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa3	NDa3	NDa3	NDa10	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa3	15	12	17	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa3	31	57	40	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa3	4	7	NDa10	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	3.5	25	12	11	3	4
1,2-DICHLOROPROPANE	ug/L	NDa3	NDa3	NDa3	NDa10	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
1-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NDa100	NDa100	NDa100	NDa1000	NDa100	NDa100
ACRYLONITRILE	ug/L	NDa100	NDa100	NDa100	NDa1000	NDa100	NDa100
BENZENE	ug/L	NDa3	NDa3	NDa3	NDa10	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa3	NDa3	NDa3	NDa10	NDa1	NDa1
BROMOFORM	ug/L	NDa3	NDa3	NDa3	NDa10	NDa1	NDa1
BROMOMETHANE	ug/L	NDa3	NDa3	NDa3	NDa10	NDa10	NDa1
CARBON TETRACHLORIDE	ug/L	NDa3	NDa3	NDa3	NDa10	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa3	NDa3	NDa3	NDa10	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa3	NDa3	NDa3	NDa10	NDa1	NDa1
CHLOROETHANE	ug/L	NDa3	NDa3	NDa3	NDa10	NDa10	NDa1
CHLOROFORM	ug/L	NDa3	NDa3	NDa3	12	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa3	NDa3	NDa3	NDa10	NDa10	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa3	NDa3	NDa3	NDa10	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa3	NDa3	NDa3	NDa10	NDa10	NDa1
ETHYLBENZENE	ug/L	NDa3	NDa3	NDa3	NDa10	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa3	NDa3	NDa3	13	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa3	4	5	NDa10	1	NDa1
TOLUENE	ug/L	NDa3	NDa3	NA	NDa10	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa3	NDa3	NDa3	NDa10	NDa1	NDa1

IBM Mid Hudson Valley - Kingston Site
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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 08/12/83 83-9-12820-6 01	60" STORM STORM SEWER 01/05/84 84-1-132-3 01	60" STORM STORM SEWER 03/20/84 84-3-478-3 01	60" STORM STORM SEWER 03/22/84 84-3-480-C 01	60" STORM STORM SEWER 04/26/84 84-4-701-C 01	60" STORM STORM SEWER 05/03/84 84-5-749-C 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/l	16	180	250	270	11	14
TRICHLOROFLUOROMETHANE	ug/l	ND@3	ND@3	ND@3	ND@10	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@3	ND@3	ND@3	ND@10	ND@10	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Outfall Data Report
Last Updated: 01/18/94

60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	05/10/84	05/24/84	05/31/84	06/07/84	06/11/84	06/28/84
LABORATORY SAMPLE I.D.	84-5-795-C	84-5-894-C	84-5-920-C	84-6-973-C	84-5-907-3	84-6-1096-C
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
PARAMETER	UNITS	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
PARAMETER	UNITS	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa2	1	8	8	25
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa2	NDa1	NDa1	NDa3	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa2	NDa1	NDa1	NDa3	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa2	NDa1	NDa1	NDa3	2
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa2	NDa1	2	NDa3	3
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa2	NDa1	NDa1	NDa3	3
1,2-DICHLOROETHYLENE, TOTAL	ug/L	2	3	1	NDa1	6	4
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa2	NDa1	NDa1	NDa3	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
1-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
ACRYLONITRILE	ug/L	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
BENZENE	ug/L	NDa1	NDa2	NDa1	NDa1	NDa3	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa2	NDa1	NDa1	NDa3	NDa1
BROMOFORM	ug/L	NDa1	NDa2	NDa1	NDa1	NDa3	NDa1
BROMOMETHANE	ug/L	NDa10	NDa2	NDa1	NDa1	NDa3	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa2	NDa1	NDa1	NDa3	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa2	NDa1	NDa1	NDa3	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa2	NDa1	NDa1	NDa3	NDa1
CHLOROETHANE	ug/L	NDa10	NDa2	NDa1	NDa1	NDa3	NDa1
CHLOROFORM	ug/L	NDa1	NDa2	NDa1	NDa1	NDa3	NDa1
CHLOROMETHANE	ug/L	NDa10	NDa2	NDa1	NDa1	NDa3	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa2	NDa1	NDa1	NDa3	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa10	NDa2	NDa1	NDa1	NDa3	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa2	NDa1	NDa1	NDa3	NDa1
ETHYLENE CHLORIDE	ug/L	NDa1	NDa2	NDa1	2	NDa3	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa2	2	3	NDa3	NDa1
TOLUENE	ug/L	NDa1	NDa2	NDa1	1	NDa3	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa2	NDa1	NDa1	NDa3	NDa1

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 05/10/84 84-5-795-C 01	60" STORM STORM SEWER 05/24/84 84-5-894-C 01	60" STORM STORM SEWER 05/31/84 84-5-920-C 01	60" STORM STORM SEWER 06/07/84 84-6-973-C 01	60" STORM STORM SEWER 06/11/84 84-5-907-3 01	60" STORM STORM SEWER 06/28/84 84-6-1096-C 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	15 ND@1 ND@10 NA	16 ND@2 ND@2 NA	7 ND@1 ND@1 NA	20 ND@1 ND@1 NA	16 ND@3 ND@3 NA	20 ND@1 ND@1 NA
TRICHLOROETHYLENE ug/l						
TRICHLOROFLUOROMETHANE ug/l						
VINYL CHLORIDE ug/l						
XYLENE, TOTAL ug/l						

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Storm Sewer Outfall Data Report
Last Updated: 01/18/94

60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 07/05/84 84-7-1124-C 01	60" STORM STORM SEWER 07/12/84 84-7-1173-C 01	60" STORM STORM SEWER 07/19/84 84-7-1210-C 01	60" STORM STORM SEWER 07/26/84 84-7-1243-C 01	60" STORM STORM SEWER 08/02/84 84-8-1293-C 01	60" STORM STORM SEWER 08/09/84 84-8-1342-C 01
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PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	60" STORM STORM SEWER 07/05/84 84-7-1124-C 01	60" STORM STORM SEWER 07/12/84 84-7-1173-C 01	60" STORM STORM SEWER 07/19/84 84-7-1210-C 01	60" STORM STORM SEWER 07/26/84 84-7-1243-C 01	60" STORM STORM SEWER 08/02/84 84-8-1293-C 01	60" STORM STORM SEWER 08/09/84 84-8-1342-C 01
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	60" STORM STORM SEWER 07/05/84 84-7-1124-C 01	60" STORM STORM SEWER 07/12/84 84-7-1173-C 01	60" STORM STORM SEWER 07/19/84 84-7-1210-C 01	60" STORM STORM SEWER 07/26/84 84-7-1243-C 01	60" STORM STORM SEWER 08/02/84 84-8-1293-C 01	60" STORM STORM SEWER 08/09/84 84-8-1342-C 01
1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	3	12	11	8	4	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	1	1	1	NDa1	2
1,1-DICHLOROETHYLENE	ug/L	2	1	2	2	1	3
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	19
1,2-DICHLOROETHYLENE, TOTAL	ug/L	2	3	5	4	6	4
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
ACRYLONITRILE	ug/L	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	2
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	3	NDa1	NDa1	NDa1	2
TETRACHLOROETHYLENE	ug/L	NDa1	1	NDa1	1	NDa1	NDa1
TOLUENE	ug/L	4	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 07/05/84 84-7-1124-C 01	60" STORM STORM SEWER 07/12/84 84-7-1173-C 01	60" STORM STORM SEWER 07/19/84 84-7-1210-C 01	60" STORM STORM SEWER 07/26/84 84-7-1243-C 01	60" STORM STORM SEWER 08/02/84 84-8-1293-C 01	60" STORM STORM SEWER 08/09/84 84-8-1342-C 01
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PARAMETER

UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE
TRICHLOROFLUOROMETHANE
VINYL CHLORIDE
XYLENE, TOTAL

ug/L
ug/L
ug/L
ug/L

19 ND@1 NA	21 ND@1 NA	34 ND@1 NA	24 ND@1 NA	27 ND@1 NA	16 ND@1 NA
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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 08/16/84 84-8-1393-C 01	60" STORM STORM SEWER 08/23/84 84-8-1430-C 01	60" STORM STORM SEWER 08/30/84 84-8-1484-C 01	60" STORM STORM SEWER 09/07/84 84-9-1534-C 01	60" STORM STORM SEWER 09/14/84 84-9-1516-3 01	60" STORM STORM SEWER 09/27/84 84-9-1673-C 01
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PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

	ug/L	NA	NA	NA	NA	NA	NA
1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	14	15	24	33	10	20
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1
1,1-DICHLOROETHANE	ug/L	3	2	1	2	NDa1	2
1,1-DICHLOROETHYLENE	ug/L	6	6	3	4	3	6
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	2	2	6	6	3	8
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
ACRYLONITRILE	ug/L	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa10	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa10	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa10	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa10	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	3	NDa1	NDa1	NDa3	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER
08/16/84	08/23/84	08/30/84	09/07/84	09/14/84	09/27/84
84-8-1393-C	84-8-1430-C	84-8-1484-C	84-9-1534-C	84-9-1516-3	84-9-1673-C
01	01	01	01	01	01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/l	8	8	ND@1	25	18	29
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

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60" STORM

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SAMPLE COMMENT CODES

60" STORM STORM SEWER 10/04/84 84-10-1725-C 01	60" STORM STORM SEWER 10/11/84 84-10-1772-C 01	60" STORM STORM SEWER 10/18/84 84-10-1826-C 01	60" STORM STORM SEWER 10/25/84 84-10-1876-C 01	60" STORM STORM SEWER 11/12/84 84-11-1970-C 01	60" STORM STORM SEWER 11/21/84 84-11-2030-C 01
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PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

	ug/l	NA	NA	NA	NA	NA	NA
2-DICHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
3-DICHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
4-DICHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
-CHLOROETHYL VINYL ETHER	ug/l	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

OLATILE ORGANICS

	ug/l	NA	NA	NA	NA	NA	NA
1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,1-TRICHLOROETHANE	ug/l	22	13	14	NDa5	12	19
1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
1-DICHLOROETHANE	ug/l	2	1	NDa1	NDa5	NDa1	1
1-DICHLOROETHYLENE	ug/l	6	4	NDa1	NDa5	1	NDa1
2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA	NA
2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
2-DICHLOROETHYLENE, TOTAL	ug/l	7	6	5	NDa5	2	2
2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA	NA
-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
CETONE	ug/l	NA	NA	NA	NA	NA	NA
CROLEIN	ug/l	NDa100	NA	NDa100	NDa100	NDa100	NDa100
CRYLONITRILE	ug/l	NDa100	NA	NDa100	NDa100	NDa100	NDa100
ENZENE	ug/l	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
ENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
BROMOFORM	ug/l	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
CHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa5	NDa1	1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
IS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
ETHYLBENZENE	ug/l	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
ETHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa5	3	NDa1
TETRACHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
TOLUENE	ug/l	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa1	NDa1	NDa1	NDa5	NDa1	NDa1

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60" STORM STORM SEWER 10/04/84 84-10-1725-C 01	60" STORM STORM SEWER 10/11/84 84-10-1772-C 01	60" STORM STORM SEWER 10/18/84 84-10-1826-C 01	60" STORM STORM SEWER 10/25/84 84-10-1876-C 01	60" STORM STORM SEWER 11/12/84 84-11-1970-C 01	60" STORM STORM SEWER 11/21/84 84-11-2030-C 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	33	23	21	15	20	28
TRICHLOROETHYLENE ug/l	ND@1	ND@1	ND@1	ND@5	ND@1	ND@1
TRICHLOROFLUOROMETHANE ug/l	ND@1	ND@1	ND@1	ND@5	ND@1	ND@1
VINYL CHLORIDE ug/l	NA	NA	NA	NA	NA	NA
XYLENE, TOTAL ug/l						

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60" STORM

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SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 11/29/84 84-11-2064-C 01	60" STORM STORM SEWER 12/06/84 84-12-2104-C 01	60" STORM STORM SEWER 12/13/84 84-11-2019-C 01	60" STORM STORM SEWER 12/20/84 84-12-2200-C 01	60" STORM STORM SEWER 01/03/85 84-12-2217-5 01	60" STORM STORM SEWER 01/04/85 85-1-133-C 01
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PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

	ug/l	NA	NA	NA	NA	NA	NA
1,2-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1-CHLOROETHYL VINYL ETHER	ug/l	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

	ug/l	NA	NA	NA	NA	NA	NA
1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,1-TRICHLOROETHANE	ug/l	3	14	45	31	37	42
1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1
1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1
1-DICHLOROETHANE	ug/l	NDa1	NDa1	2	2	NDa3	3
1-DICHLOROETHYLENE	ug/l	NDa1	4	9	11	12	16
2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA	NA
2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1
2-DICHLOROETHYLENE, TOTAL	ug/l	2	3	6	7	3	9
2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA	NA
1-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
ACETONE	ug/l	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/l	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/l	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
BENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1
BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1
BROMOFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1
CHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1
DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1
ETHYLBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1
ETHYLENE CHLORIDE	ug/l	8	NDa1	1	NDa1	NDa3	NDa1
TETRACHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1
TOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa3	NDa1

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60" STORM

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SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 11/29/84 84-11-2064-C 01	60" STORM STORM SEWER 12/06/84 84-12-2104-C 01	60" STORM STORM SEWER 12/13/84 84-11-2019-C 01	60" STORM STORM SEWER 12/20/84 84-12-2200-C 01	60" STORM STORM SEWER 01/03/85 84-12-2217-5 01	60" STORM STORM SEWER 01/04/85 85-1-133-C 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/l	11	14	27	27	32	39
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@3	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@3	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

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60" STORM

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SAMPLE COMMENT CODES

60" STORM STORM SEWER 01/10/85 85-1-163-C 01	60" STORM STORM SEWER 01/18/85 85-1-201-B 01	60" STORM STORM SEWER 01/24/85 85-1-211-B 01	60" STORM STORM SEWER 01/31/85 85-1-272-B 01	60" STORM STORM SEWER 02/07/85 85-2-308-B 01	60" STORM STORM SEWER 02/14/85 85-2-355-C 01
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PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

	ug/l	NA	NA	NA	NA	NA	NA
1,2-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/l	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

	ug/l	NA	NA	NA	NA	NA	NA
1,1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/l	26	20	14	12	10	12
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	3	3	2	1	1	2
1,1-DICHLOROETHYLENE	ug/l	10	10	5	4	4	6
1,2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	5	6	2	4	4	7
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
ACETONE	ug/l	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/l	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
ACRYLONITRILE	ug/l	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
BENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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60" STORM

AMPLE LOCATION
AMPLE DESCRIPTION
AMPLE DATE
ABORATORY SAMPLE I.D.
AMPLE RUN NUMBER
AMPLE COMMENT CODES

60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER
01/10/85	01/18/85	01/24/85	01/31/85	02/07/85	02/14/85
85-1-163-C	85-1-201-B	85-1-211-B	85-1-272-B	85-2-308-B	85-2-355-C
01	01	01	01	01	01

ARAMETER

UNITS

OLATILE ORGANICS (Continued)

RICHLOROETHYLENE
RICHLOROFLUOROMETHANE
INYL CHLORIDE
YLENE, TOTAL

ug/l
ug/l
ug/l
ug/l

32	27	28	28	39	51
ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
NA	NA	NA	NA	NA	NA

IBM Mid Hudson Valley - Kingston Site
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60" STORM

SAMPLE LOCATION	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER
SAMPLE DESCRIPTION	02/21/85	02/28/85	03/11/85	05/10/85	06/28/85	07/25/85
SAMPLE DATE	85-2-405-C	85-2-444-B	85-3-455-4	85-5-855-4	85-6-1216-5	85-7-1359-C
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER
1,2-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1-CHLOROETHYL VINYL ETHER	ug/l	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/l	10	9	6	8	4	10
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	1	1	NDa3	NDa3	1	NDa1
1,1-DICHLOROETHYLENE	ug/l	3	3	NDa3	NDa3	2	2
1,2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	5	6	NDa3	7	6	6
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA	NA
1-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
ACETONE	ug/l	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/l	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
ACRYLONITRILE	ug/l	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
BENZENE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
BROMOFORM	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
BROMOMETHANE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
CHLOROBENZENE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
ETHYLBENZENE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
ETHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
TETRACHLOROETHYLENE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
TOLUENE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa1	NDa1

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 02/21/85 85-2-405-C 01	60" STORM STORM SEWER 02/28/85 85-2-444-B 01	60" STORM STORM SEWER 03/11/85 85-3-455-4 01	60" STORM STORM SEWER 05/10/85 85-5-855-4 01	60" STORM STORM SEWER 06/28/85 85-6-1216-5 01	60" STORM STORM SEWER 07/25/85 85-7-1359-C 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/l	30	29	32	26	25	37
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@3	ND@3	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@3	ND@3	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

IBM Mid Hudson Valley - Kingston Site
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60" STORM

SAMPLE LOCATION	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER
SAMPLE DESCRIPTION	08/01/85	08/08/85	08/15/85	08/22/85	08/29/85	09/06/85
SAMPLE DATE	85-7-1402-C	85-8-1441-C	85-8-1494-C	85-8-1533-C	85-8-1566-C	85-9-1621-C
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	ND@10	ND@10	ND@10	ND@10	ND@10	ND@10

VOLATILE ORGANICS

PARAMETER	UNITS	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	2	1	4	4	4	4
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/L	ND@1	ND@1	1	ND@1	1	1
1,1-DICHLOROETHYLENE	ug/L	2	ND@1	1	ND@1	2	2
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	ND@1	3	4	5	5	7
1,2-DICHLOROPROPANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
1-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	ND@100	ND@100	ND@100	ND@100	ND@100	ND@100
ACRYLONITRILE	ug/L	ND@100	ND@100	ND@100	ND@100	ND@100	ND@100
BENZENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
ETHYLENE CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TOLUENE	ug/L	ND@1	ND@1	ND@1	ND@1	1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 08/01/85 85-7-1402-C 01	60" STORM STORM SEWER 08/08/85 85-8-1441-C 01	60" STORM STORM SEWER 08/15/85 85-8-1494-C 01	60" STORM STORM SEWER 08/22/85 85-8-1533-C 01	60" STORM STORM SEWER 08/29/85 85-8-1566-C 01	60" STORM STORM SEWER 09/06/85 85-9-1621-C 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	13	9	15	19	22	21
TRICHLOROETHYLENE ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE ug/l	NA	NA	NA	NA	NA	NA
XYLENE, TOTAL ug/l						

IBM Mid Hudson Valley - Kingston Site
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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	09/12/85	09/19/85	09/26/85	12/13/85	12/20/85	12/26/85
LABORATORY SAMPLE I.D.	85-9-1661-C	85-9-1715-C	85-9-1755-C	85-12-2259-C	85-12-2313-C	85-12-2315-C
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/l	ND@10	ND@10	ND@10	ND@10	ND@10	ND@10

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/l	2	2	16	3	4	3
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	ND@1	ND@1	1	ND@1	ND@1	ND@1
1,1-DICHLOROETHYLENE	ug/l	ND@1	ND@1	3	ND@1	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	3	5	ND@1	3	4	3
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
ACETONE	ug/l	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/l	ND@100	ND@100	ND@100	ND@100	ND@100	ND@100
ACRYLONITRILE	ug/l	ND@100	ND@100	ND@100	ND@100	ND@100	ND@100
BENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
ETHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 09/12/85 85-9-1661-C 01	60" STORM STORM SEWER 09/19/85 85-9-1715-C 01	60" STORM STORM SEWER 09/26/85 85-9-1755-C 01	60" STORM STORM SEWER 12/13/85 85-12-2259-C 01	60" STORM STORM SEWER 12/20/85 85-12-2313-C 01	60" STORM STORM SEWER 12/26/85 85-12-2315-C 01
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PARAMETER UNITS

OLATILE ORGANICS (Continued)

	9	17	16	18	20	17
TRICHLOROETHYLENE ug/L	ND@1	ND@1	ND@1	NA	NA	NA
TRICHLOROFLUOROMETHANE ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE ug/L	NA	NA	NA	ND@3	ND@3	ND@3
YLENE, TOTAL ug/L						

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Outfall Data Report
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60" STORM

SAMPLE LOCATION	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER
SAMPLE DESCRIPTION	01/02/86	01/09/86	01/16/86	01/23/86	01/30/86	02/06/86
SAMPLE DATE	86-1-100-C	86-1-163-C	86-1-193-C	86-1-238-C	86-1-281-C	86-2-323-C
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER
1,2-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1-CHLOROETHYL VINYL ETHER	ug/l	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/l	6	10	7	4	4	2
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	2	1	1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/l	2	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	4	5	4	3	3	2
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA	NA
1-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
ACETONE	ug/l	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/l	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
ACRYLONITRILE	ug/l	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
BENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Outfall Data Report
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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 01/02/86 86-1-100-C 01	60" STORM STORM SEWER 01/09/86 86-1-163-C 01	60" STORM STORM SEWER 01/16/86 86-1-193-C 01	60" STORM STORM SEWER 01/23/86 86-1-238-C 01	60" STORM STORM SEWER 01/30/86 86-1-281-C 01	60" STORM STORM SEWER 02/06/86 86-2-323-C 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	24	26	23	14	15	13
TRICHLOROETHYLENE ug/l	NA	NA	NA	NA	NA	NA
TRICHLOROFLUOROMETHANE ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE ug/l	ND@3	ND@3	ND@3	ND@3	ND@3	ND@3
XYLENE, TOTAL ug/l						

IBM Mid Hudson Valley - Kingston Site
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60" STORM

SAMPLE LOCATION	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER
SAMPLE DESCRIPTION	02/14/86	02/20/86	02/27/86	03/07/86	03/14/86	03/20/86
SAMPLE DATE	86-2-394-C	86-2-418-C	86-2-455-C	86-3-502-C	86-3-551-C	86-3-610-C
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER
1,2-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1-CHLOROETHYL VINYL ETHER	ug/l	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER
1,1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/l	2	NDa1	2	2	NDa1	1
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-DICHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	3	NDa1	2	2	2	2
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA	NA
1-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
1-CETONE	ug/l	NA	NA	NA	NA	NA	NA
1-CROLEIN	ug/l	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
1-CRYLONITRILE	ug/l	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
1-BENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA	NA
1-BROMOBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1-BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-BROMOFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA	NA
1-DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-ETHYLBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-ETHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-TETRACHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-TOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-TRANS-1,3-DICHLOROPROPENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

IBM Mid Hudson Valley - Kingston Site
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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 02/14/86 86-2-394-C 01	60" STORM STORM SEWER 02/20/86 86-2-418-C 01	60" STORM STORM SEWER 02/27/86 86-2-455-C 01	60" STORM STORM SEWER 03/07/86 86-3-502-C 01	60" STORM STORM SEWER 03/14/86 86-3-551-C 01	60" STORM STORM SEWER 03/20/86 86-3-610-C 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	14	3	11	10	6	7
TRICHLOROETHYLENE ug/l	NA	NA	NA	NA	NA	NA
TRICHLOROFLUOROMETHANE ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE ug/l	ND@3	ND@3	ND@3	ND@3	ND@3	ND@3
XYLENE, TOTAL ug/l						

IBM Mid Hudson Valley - Kingston Site
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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 03/27/86 86-3-650-C 01	60" STORM STORM SEWER 03/31/86 86-3-568-J 01	60" STORM STORM SEWER 07/02/87 87-6-2945-C 01	60" STORM STORM SEWER 07/09/87 87-6-3023-C 01	60" STORM STORM SEWER 07/16/87 87-7-3102-C 01	60" STORM STORM SEWER 07/23/87 87-7-3189-C 01
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PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	60" STORM STORM SEWER 03/27/86 86-3-650-C 01	60" STORM STORM SEWER 03/31/86 86-3-568-J 01	60" STORM STORM SEWER 07/02/87 87-6-2945-C 01	60" STORM STORM SEWER 07/09/87 87-6-3023-C 01	60" STORM STORM SEWER 07/16/87 87-7-3102-C 01	60" STORM STORM SEWER 07/23/87 87-7-3189-C 01
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	60" STORM STORM SEWER 03/27/86 86-3-650-C 01	60" STORM STORM SEWER 03/31/86 86-3-568-J 01	60" STORM STORM SEWER 07/02/87 87-6-2945-C 01	60" STORM STORM SEWER 07/09/87 87-6-3023-C 01	60" STORM STORM SEWER 07/16/87 87-7-3102-C 01	60" STORM STORM SEWER 07/23/87 87-7-3189-C 01
1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	2	1	3	3	4	6
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	1	1	1	1
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	2	1	3	3	3	4
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NDa100	NDa100	NA	NA	NA	NA
ACRYLONITRILE	ug/L	NDa100	NDa100	NA	NA	NA	NA
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	7	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	4	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 03/27/86 86-3-650-C 01	60" STORM STORM SEWER 03/31/86 86-3-568-J 01	60" STORM STORM SEWER 07/02/87 87-6-2945-C 01	60" STORM STORM SEWER 07/09/87 87-6-3023-C 01	60" STORM STORM SEWER 07/16/87 87-7-3102-C 01	60" STORM STORM SEWER 07/23/87 87-7-3189-C 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	10	13	17	18	17
TRICHLOROETHYLENE ug/l	NA	NDa1	NDa1	NDa1	NDa1
TRICHLOROFLUOROMETHANE ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
VINYL CHLORIDE ug/l	NDa3	NDa3	NDa3	NDa3	NDa3
XYLENE, TOTAL ug/l					

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Outfall Data Report
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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	07/30/87	08/06/87	08/13/87	08/20/87	08/27/87	09/03/87
LABORATORY SAMPLE I.D.	87-7-3263-C	87-8-3367-C	87-8-3459-C	87-8-3554-C	87-8-3644-C	87-9-3744-C
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	2	2	3	2	NDa1	2
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	1	1	NDa1	NDa1	1
1,1-DICHLOROETHYLENE	ug/L	NDa1	1	1	3	NDa1	2
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	4	3	NDa1	NDa1	3
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/L	NA	NA	NA	NA	NA	NA
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 07/30/87 87-7-3263-C 01	60" STORM STORM SEWER 08/06/87 87-8-3367-C 01	60" STORM STORM SEWER 08/13/87 87-8-3459-C 01	60" STORM STORM SEWER 08/20/87 87-8-3554-C 01	60" STORM STORM SEWER 08/27/87 87-8-3644-C 01	60" STORM STORM SEWER 09/03/87 87-9-3744-C 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	14	16	14	15	NDa1	10
TRICHLOROETHYLENE ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRICHLOROFLUOROMETHANE ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
VINYL CHLORIDE ug/l	NDa3	NDa3	NDa3	NDa3	NDa3	NDa3
XYLENE, TOTAL ug/l						

IBM Mid Hudson Valley - Kingston Site
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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	REPLICATE	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	09/10/87	09/17/87	09/17/87	10/01/87	10/08/87	10/15/87
LABORATORY SAMPLE I.D.	87-9-3861-C	87-9-3939-C	87-9-3939-CD	87-9-4105-C	87-10-4187-C	87-10-4302-C
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	2	1	NDa1	2	1	1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	2	1	1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	3	2	2	3	1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/L	NA	NA	NA	NA	NA	NA
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	6	6	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	2	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 09/10/87 87-9-3861-C 01	60" STORM STORM SEWER 09/17/87 87-9-3939-C 01	60" STORM REPLICATE 09/17/87 87-9-3939-CD 01	60" STORM STORM SEWER 10/01/87 87-9-4105-C 01	60" STORM STORM SEWER 10/08/87 87-10-4187-C 01	60" STORM STORM SEWER 10/15/87 87-10-4302-C 01
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PARAMETER

UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/L	8	7	8	10	6	10
TRICHLOROFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NA	NDa1	NDa1
VINYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
XYLENE, TOTAL	ug/L	NDa3	NDa3	NDa3	NDa3	NDa3	NDa3

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	10/22/87	10/29/87	11/05/87	11/12/87	11/19/87	11/25/87
LABORATORY SAMPLE I.D.	87-10-4384-C	87-10-4480-C	87-11-4581-C	87-11-4659-C	87-11-4741-C	87-11-4828-C
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/l	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/l	2	2	2	NDa1	2	2
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	1	1	NDa1	NDa1	1	1
1,1-DICHLOROETHYLENE	ug/l	NDa1	1	NDa1	NDa1	2	1
1,2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	3	2	2	NDa1	3	2
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
ACETONE	ug/l	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/l	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/l	NA	NA	NA	NA	NA	NA
BENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 10/22/87 87-10-4384-C 01	60" STORM STORM SEWER 10/29/87 87-10-4480-C 01	60" STORM STORM SEWER 11/05/87 87-11-4581-C 01	60" STORM STORM SEWER 11/12/87 87-11-4659-C 01	60" STORM STORM SEWER 11/19/87 87-11-4741-C 01	60" STORM STORM SEWER 11/25/87 87-11-4828-C 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	11	9	7	2	12	10
TRICHLOROETHYLENE ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE ug/L	ND@3	ND@3	ND@3	ND@3	ND@3	ND@3
XYLENE, TOTAL ug/L						

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 12/03/87 87-12-4914-C 01	60" STORM STORM SEWER 12/10/87 87-12-5024-C 01	60" STORM STORM SEWER 01/07/88 88-1-155-C 01	60" STORM STORM SEWER 01/14/88 88-1-252-C 01	60" STORM STORM SEWER 01/21/88 88-1-346-C 01	60" STORM STORM SEWER 01/28/88 88-1-429-C 01
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PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	2	2	3	2	2	3
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	1	NDa1	1	NDa1	NDa1	1
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	2	2	2	NDa1	NDa1	2
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/L	NA	NA	NA	NA	NA	NA
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	15	2	NDa1
TOLUENE	ug/L	1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 12/03/87 87-12-4914-C 01	60" STORM STORM SEWER 12/10/87 87-12-5024-C 01	60" STORM STORM SEWER 01/07/88 88-1-155-C 01	60" STORM STORM SEWER 01/14/88 88-1-252-C 01	60" STORM STORM SEWER 01/21/88 88-1-346-C 01	60" STORM STORM SEWER 01/28/88 88-1-429-C 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/L	11	12	18	22	14	18
TRICHLOROFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
VINYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
XYLENE, TOTAL	ug/L	NDa3	NDa3	NDa3	NDa3	NDa3	NDa3

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	02/04/88	02/11/88	02/18/88	02/25/88	03/03/88	03/10/88
LABORATORY SAMPLE I.D.	88-2-535-C	88-2-632-C	88-2-702-C	88-2-809-C	88-3-910-C	88-3-1030-C
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	2	2	1	NDa1	5	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	1	1	NDa1	1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	1	1	NDa1	1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	2	2	1	NDa1	2	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/L	NA	NA	NA	NA	NA	NA
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 02/04/88 88-2-535-C 01	60" STORM STORM SEWER 02/11/88 88-2-632-C 01	60" STORM STORM SEWER 02/18/88 88-2-702-C 01	60" STORM STORM SEWER 02/25/88 88-2-809-C 01	60" STORM STORM SEWER 03/03/88 88-3-910-C 01	60" STORM STORM SEWER 03/10/88 88-3-1030-C 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/L	13	14	7	10	12	11
TRICHLOROFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
VINYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
XYLENE, TOTAL	ug/L	NDa3	NDa3	NDa3	NDa3	NDa3	NDa3

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 03/24/88 88-3-1246-C 01	60" STORM STORM SEWER 03/31/88 88-3-1340-C 01	60" STORM STORM SEWER 04/07/88 88-4-1464-C 01	60" STORM STORM SEWER 04/13/88 88-4-1615-C 01	60" STORM STORM SEWER 04/21/88 88-4-1725-C 01	60" STORM STORM SEWER 04/28/88 88-4-1829-C 01
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PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	60" STORM STORM SEWER 03/24/88 88-3-1246-C 01	60" STORM STORM SEWER 03/31/88 88-3-1340-C 01	60" STORM STORM SEWER 04/07/88 88-4-1464-C 01	60" STORM STORM SEWER 04/13/88 88-4-1615-C 01	60" STORM STORM SEWER 04/21/88 88-4-1725-C 01	60" STORM STORM SEWER 04/28/88 88-4-1829-C 01
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	60" STORM STORM SEWER 03/24/88 88-3-1246-C 01	60" STORM STORM SEWER 03/31/88 88-3-1340-C 01	60" STORM STORM SEWER 04/07/88 88-4-1464-C 01	60" STORM STORM SEWER 04/13/88 88-4-1615-C 01	60" STORM STORM SEWER 04/21/88 88-4-1725-C 01	60" STORM STORM SEWER 04/28/88 88-4-1829-C 01
1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	1	2	1	NDa1	3	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/L	NA	NA	NA	NA	NA	NA
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 03/24/88 88-3-1246-C 01	60" STORM STORM SEWER 03/31/88 88-3-1340-C 01	60" STORM STORM SEWER 04/07/88 88-4-1464-C 01	60" STORM STORM SEWER 04/13/88 88-4-1615-C 01	60" STORM STORM SEWER 04/21/88 88-4-1725-C 01	60" STORM STORM SEWER 04/28/88 88-4-1829-C 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/l	11	13	14	12	15	5
TRICHLOROFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
VINYL CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
XYLENE, TOTAL	ug/l	NDa3	NDa3	NDa3	NDa3	NDa3	NDa3

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 05/05/88 88-5-1961-C 01	60" STORM STORM SEWER 05/12/88 88-5-2079-C 01	60" STORM STORM SEWER 05/19/88 88-5-2191-C 01	60" STORM STORM SEWER 05/26/88 88-5-2284-C 01	60" STORM STORM SEWER 06/02/88 88-6-2368-C 01	60" STORM STORM SEWER 06/09/88 88-6-2528-C 01
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PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	60" STORM STORM SEWER 05/05/88 88-5-1961-C 01	60" STORM STORM SEWER 05/12/88 88-5-2079-C 01	60" STORM STORM SEWER 05/19/88 88-5-2191-C 01	60" STORM STORM SEWER 05/26/88 88-5-2284-C 01	60" STORM STORM SEWER 06/02/88 88-6-2368-C 01	60" STORM STORM SEWER 06/09/88 88-6-2528-C 01
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1-CHLOROETHYL VINYL ETHER	ug/L	ND@10	ND@10	ND@10	ND@10	ND@10	ND@10

VOLATILE ORGANICS

PARAMETER	UNITS	60" STORM STORM SEWER 05/05/88 88-5-1961-C 01	60" STORM STORM SEWER 05/12/88 88-5-2079-C 01	60" STORM STORM SEWER 05/19/88 88-5-2191-C 01	60" STORM STORM SEWER 05/26/88 88-5-2284-C 01	60" STORM STORM SEWER 06/02/88 88-6-2368-C 01	60" STORM STORM SEWER 06/09/88 88-6-2528-C 01
1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	1	ND@1	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/L	1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHYLENE	ug/L	1	ND@1	ND@1	ND@1	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	2	ND@1	ND@1	1	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
1-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NA	NA	NA	NA	ND@100	NA
ACRYLONITRILE	ug/L	NA	NA	NA	NA	ND@100	NA
BENZENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/L	ND@5	ND@5	ND@5	ND@5	ND@5	ND@5
BROMOMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
ETHYLENE CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TOLUENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 05/05/88 88-5-1961-C 01	60" STORM STORM SEWER 05/12/88 88-5-2079-C 01	60" STORM STORM SEWER 05/19/88 88-5-2191-C 01	60" STORM STORM SEWER 05/26/88 88-5-2284-C 01	60" STORM STORM SEWER 06/02/88 88-6-2368-C 01	60" STORM STORM SEWER 06/09/88 88-6-2528-C 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/l	7	4	5	6	3	3
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	ND@3	ND@3	ND@3	ND@3	ND@3	ND@3

IBM Mid Hudson Valley - Kingston Site
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60" STORM

SAMPLE LOCATION	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER
SAMPLE DESCRIPTION	06/16/88	06/23/88	06/30/88	07/07/88	07/14/88	07/21/88
SAMPLE DATE	88-6-2619-C	88-6-2722-C	88-6-2820-C	88-7-2915-C	88-7-3045-C	88-7-3151-C
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER
1,2-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1-CHLOROETHYL VINYL ETHER	ug/l	ND@10	ND@10	ND@10	ND@10	ND@10	ND@10

VOLATILE ORGANICS

PARAMETER	UNITS	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER
1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,1-TRICHLOROETHANE	ug/l	ND@1	1	2	2	ND@1	ND@1
1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1-DICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA	NA
2-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
2-DICHLOROETHYLENE, TOTAL	ug/l	2	ND@1	3	4	3	ND@1
2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA	NA
1-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
1-PETONE	ug/l	NA	NA	NA	NA	NA	NA
1-CROLEIN	ug/l	NA	NA	NA	NA	NA	NA
1-CRYLONITRILE	ug/l	NA	NA	NA	NA	NA	NA
1-BENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1-BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA	NA
1-BROMOBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1-BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1-BROMOFORM	ug/l	ND@5	ND@5	ND@5	ND@5	ND@5	ND@5
1-BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1-CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1-CHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1-CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1-CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1-CHLOROFORM	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1-CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1-IS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1-IBROMOMETHANE	ug/l	NA	NA	NA	NA	NA	NA
1-DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1-ETHYLBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1-ETHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1-TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1-TOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1-TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 06/16/88 88-6-2619-C 01	60" STORM STORM SEWER 06/23/88 88-6-2722-C 01	60" STORM STORM SEWER 06/30/88 88-6-2820-C 01	60" STORM STORM SEWER 07/07/88 88-7-2915-C 01	60" STORM STORM SEWER 07/14/88 88-7-3045-C 01	60" STORM STORM SEWER 07/21/88 88-7-3151-C 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/l	9	7	11	15	11	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	ND@3	ND@3	ND@3	ND@3	ND@3	ND@3

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60" STORM

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SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 07/28/88 88-7-3266-C 01	60" STORM STORM SEWER 08/04/88 88-8-3366-C 01	60" STORM STORM SEWER 08/11/88 88-8-3501-C 01	60" STORM STORM SEWER 08/18/88 88-8-3616-C 01	60" STORM STORM SEWER 08/25/88 88-8-3711-C 01	60" STORM STORM SEWER 09/01/88 88-9-3803-C 01
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PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	60" STORM STORM SEWER 07/28/88 88-7-3266-C 01	60" STORM STORM SEWER 08/04/88 88-8-3366-C 01	60" STORM STORM SEWER 08/11/88 88-8-3501-C 01	60" STORM STORM SEWER 08/18/88 88-8-3616-C 01	60" STORM STORM SEWER 08/25/88 88-8-3711-C 01	60" STORM STORM SEWER 09/01/88 88-9-3803-C 01
1,2-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/l	ND@10	ND@10	ND@10	ND@10	ND@10	ND@10

VOLATILE ORGANICS

PARAMETER	UNITS	60" STORM STORM SEWER 07/28/88 88-7-3266-C 01	60" STORM STORM SEWER 08/04/88 88-8-3366-C 01	60" STORM STORM SEWER 08/11/88 88-8-3501-C 01	60" STORM STORM SEWER 08/18/88 88-8-3616-C 01	60" STORM STORM SEWER 08/25/88 88-8-3711-C 01	60" STORM STORM SEWER 09/01/88 88-9-3803-C 01
1,1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/l	ND@1	1	1	1	1	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	ND@1	1	ND@1	1	ND@1	ND@1
1,1-DICHLOROETHYLENE	ug/l	ND@1	1	ND@1	1	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	4	4	2	3	3	3
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
ACETONE	ug/l	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/l	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/l	NA	NA	NA	NA	NA	NA
BENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@5	ND@5	ND@5	ND@5	ND@5	ND@5
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 07/28/88 88-7-3266-C 01	60" STORM STORM SEWER 08/04/88 88-8-3366-C 01	60" STORM STORM SEWER 08/11/88 88-8-3501-C 01	60" STORM STORM SEWER 08/18/88 88-8-3616-C 01	60" STORM STORM SEWER 08/25/88 88-8-3711-C 01	60" STORM STORM SEWER 09/01/88 88-9-3803-C 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/L	10	10	9	12	10	9
TRICHLOROFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
VINYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
XYLENE, TOTAL	ug/L	NDa3	NDa3	NDa3	NDa3	NDa3	NDa3

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 09/08/88 88-9-3923-C 01	60" STORM STORM SEWER 09/15/88 88-9-4055-C 01	60" STORM STORM SEWER 09/22/88 88-9-4186-C 01	60" STORM STORM SEWER 09/29/88 88-9-4301-C 01	60" STORM STORM SEWER 10/06/88 88-10-4408-C 01	60" STORM STORM SEWER 10/13/88 88-10-4536-C 01
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PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	60" STORM STORM SEWER 09/08/88 88-9-3923-C 01	60" STORM STORM SEWER 09/15/88 88-9-4055-C 01	60" STORM STORM SEWER 09/22/88 88-9-4186-C 01	60" STORM STORM SEWER 09/29/88 88-9-4301-C 01	60" STORM STORM SEWER 10/06/88 88-10-4408-C 01	60" STORM STORM SEWER 10/13/88 88-10-4536-C 01
1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	60" STORM STORM SEWER 09/08/88 88-9-3923-C 01	60" STORM STORM SEWER 09/15/88 88-9-4055-C 01	60" STORM STORM SEWER 09/22/88 88-9-4186-C 01	60" STORM STORM SEWER 09/29/88 88-9-4301-C 01	60" STORM STORM SEWER 10/06/88 88-10-4408-C 01	60" STORM STORM SEWER 10/13/88 88-10-4536-C 01
1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	1	1	NDa1	1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	1	1	NDa1	1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	3	3	3	3	NDa1	2
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/L	NA	NA	NA	NA	NA	NA
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 09/08/88 88-9-3923-C 01	60" STORM STORM SEWER 09/15/88 88-9-4055-C 01	60" STORM STORM SEWER 09/22/88 88-9-4186-C 01	60" STORM STORM SEWER 09/29/88 88-9-4301-C 01	60" STORM STORM SEWER 10/06/88 88-10-4408-C 01	60" STORM STORM SEWER 10/13/88 88-10-4536-C 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/L	9	11	9	10	NDa1	9
TRICHLOROFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
VINYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
XYLENE, TOTAL	ug/L	NDa3	NDa3	NDa3	NDa3	NDa3	NDa3

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	10/20/88	10/27/88	11/03/88	11/10/88	11/17/88	11/23/88
LABORATORY SAMPLE I.D.	88-10-4643-C	88-10-4775-C	88-11-4879-C	88-11-4994-C	88-11-5123-C	88-11-5219-C
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYLVINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	2
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	2	3	2	2	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/L	NA	NA	NA	NA	NA	NA
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 10/20/88 88-10-4643-C 01	60" STORM STORM SEWER 10/27/88 88-10-4775-C 01	60" STORM STORM SEWER 11/03/88 88-11-4879-C 01	60" STORM STORM SEWER 11/10/88 88-11-4994-C 01	60" STORM STORM SEWER 11/17/88 88-11-5123-C 01	60" STORM STORM SEWER 11/23/88 88-11-5219-C 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	11	14	8	11	7
TRICHLOROETHYLENE ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE ug/L	ND@3	ND@3	ND@3	ND@3	ND@3
XYLENE, TOTAL ug/L					

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	12/01/88	12/08/88	12/15/88	12/22/88	12/29/88	01/05/89
LABORATORY SAMPLE I.D.	88-12-5309-C	88-12-5431-C	88-12-5535-C	88-12-5684-C	88-12-5735-C	89-1-5827-C
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	1	2	1	2	2	2
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/L	NA	NA	NA	NA	NA	NA
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 12/01/88 88-12-5309-C 01	60" STORM STORM SEWER 12/08/88 88-12-5431-C 01	60" STORM STORM SEWER 12/15/88 88-12-5535-C 01	60" STORM STORM SEWER 12/22/88 88-12-5684-C 01	60" STORM STORM SEWER 12/29/88 88-12-5735-C 01	60" STORM STORM SEWER 01/05/89 89-1-5827-C 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/L	8	9	6	11	13	14
TRICHLOROFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/L	ND@3	ND@3	ND@3	ND@3	ND@3	ND@3

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	01/12/89	01/19/89	01/26/89	02/02/89	02/09/89	02/16/89
LABORATORY SAMPLE I.D.	89-1-118-C	89-1-236-C	89-1-341-C	89-2-445-C	89-02-565-C	89-02-681-C
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	1	1	1	1	1	1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	2	2	1	2	1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/L	NA	NA	NA	NA	NA	NA
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	2	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 01/12/89 89-1-118-C 01	60" STORM STORM SEWER 01/19/89 89-1-236-C 01	60" STORM STORM SEWER 01/26/89 89-1-341-C 01	60" STORM STORM SEWER 02/02/89 89-2-445-C 01	60" STORM STORM SEWER 02/09/89 89-02-565-C 01	60" STORM STORM SEWER 02/16/89 89-02-681-C 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/l	13	16	14	14	16	14
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	ND@3	ND@3	ND@3	ND@3	ND@3	ND@3

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 02/23/89 89-02-759-C 01	60" STORM STORM SEWER 03/02/89 89-3-879-3 01	60" STORM STORM SEWER 03/09/89 89-3-1018-B 01	60" STORM STORM SEWER 03/16/89 89-03-1156-C 01	60" STORM STORM SEWER 03/23/89 89-03-1261-C 01	60" STORM STORM SEWER 03/30/89 89-3-1359-C 01
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PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	NDa1	1	5	NDa1	1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	2	NDa1	1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	5	NDa1	1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	1	1	NDa1	NDa1	2	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/L	NA	NA	NA	NA	NA	NA
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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60" STORM

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SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 02/23/89 89-02-759-C 01	60" STORM STORM SEWER 03/02/89 89-3-879-3 01	60" STORM STORM SEWER 03/09/89 89-3-1018-B 01	60" STORM STORM SEWER 03/16/89 89-03-1156-C 01	60" STORM STORM SEWER 03/23/89 89-03-1261-C 01	60" STORM STORM SEWER 03/30/89 89-3-1359-C 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/l	13	14	5	13	16	2
TRICHLOROFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
VINYL CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
XYLENE, TOTAL	ug/l	NDa3	NDa3	NDa3	NDa3	NDa3	NDa3

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60" STORM

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SAMPLE COMMENT CODES

60" STORM STORM SEWER 04/06/89 89-4-1486-C 01	60" STORM STORM SEWER 04/13/89 89-4-1597-C 01	60" STORM STORM SEWER 04/20/89 89-4-1738-C 01	60" STORM STORM SEWER 04/27/89 89-4-1845-C 01	60" STORM STORM SEWER 05/04/89 89-5-1978-C 01	60" STORM STORM SEWER 05/11/89 89-5-2093-C 01
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PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	NDa1	2	1	1	2	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	1	1	1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	1	1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	2	2	2	2	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/L	NA	NA	NA	NA	NA	NA
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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60" STORM

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SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 04/06/89 89-4-1486-C 01	60" STORM STORM SEWER 04/13/89 89-4-1597-C 01	60" STORM STORM SEWER 04/20/89 89-4-1738-C 01	60" STORM STORM SEWER 04/27/89 89-4-1845-C 01	60" STORM STORM SEWER 05/04/89 89-5-1978-C 01	60" STORM STORM SEWER 05/11/89 89-5-2093-3 01
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PARAMETER

UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE
TRICHLOROFLUOROMETHANE
VINYL CHLORIDE
XYLENE, TOTAL

ug/L
ug/L
ug/L
ug/L

4 ND@1 ND@1 ND@3	11 ND@1 ND@1 ND@3	14 ND@1 ND@1 ND@3	14 ND@1 ND@1 ND@3	10 ND@1 ND@1 ND@3	4 ND@1 ND@1 ND@3
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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 05/18/89 89-5-2215-C 01	60" STORM STORM SEWER 05/25/89 89-5-2330-C 01	60" STORM STORM SEWER 06/01/89 89-6-2419-C 01	60" STORM STORM SEWER 06/08/89 89-6-2571-3 01	60" STORM STORM SEWER 06/15/89 89-6-2709-C 01	60" STORM STORM SEWER 06/29/89 89-6-2910-3 01
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PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	NDa1	1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/L	NA	NA	NA	NA	NA
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 05/18/89 89-5-2215-C 01	60" STORM STORM SEWER 05/25/89 89-5-2330-C 01	60" STORM STORM SEWER 06/01/89 89-6-2419-C 01	60" STORM STORM SEWER 06/08/89 89-6-2571-3 01	60" STORM STORM SEWER 06/15/89 89-6-2709-C 01	60" STORM STORM SEWER 06/29/89 89-6-2910-3 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/L	6	7	7	6	3	7
TRICHLOROFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
VINYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
XYLENE, TOTAL	ug/L	NDa3	NDa3	NDa3	NDa3	NDa3	NDa3

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	07/07/89	07/13/89	07/20/89	07/27/89	08/03/89	08/10/89
LABORATORY SAMPLE I.D.	89-7-3024-3	89-7-3151-3	89-7-3267-03	89-7-3387-03	89-8-3517-03	89-8-3660-3
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYLVINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	2	2	1	2	2	2
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/L	NA	NA	NA	NA	NA	NA
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
07/07/89	07/13/89	07/20/89	07/27/89	08/03/89	08/10/89
89-7-3024-3	89-7-3151-3	89-7-3267-03	89-7-3387-03	89-8-3517-03	89-8-3660-3
01	01	01	01	01	01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/l	5	8	6	7	7	7
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	ND@3	ND@3	ND@3	ND@3	ND@3	ND@3

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 08/17/89 89-8-3753-03 01	60" STORM STORM SEWER 08/24/89 89-8-3864-03 01	60" STORM STORM SEWER 08/31/89 89-8-3989-03 01	60" STORM STORM SEWER 09/07/89 89-9-4104-3 01	60" STORM STORM SEWER 09/14/89 89-9-4245-3 01	60" STORM STORM SEWER 09/21/89 89-9-4357-3 01
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PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/l	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/l	NDa1	1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	2	3	3	2	NDa1	2
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
ACETONE	ug/l	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/l	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/l	NA	NA	NA	NA	NA	NA
BENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	1	NDa1
ETHYLBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 08/17/89 89-8-3753-03 01	60" STORM STORM SEWER 08/24/89 89-8-3864-03 01	60" STORM STORM SEWER 08/31/89 89-8-3989-03 01	60" STORM STORM SEWER 09/07/89 89-9-4104-3 01	60" STORM STORM SEWER 09/14/89 89-9-4245-3 01	60" STORM STORM SEWER 09/21/89 89-9-4357-3 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	7	8	10	10	ND@1	7
TRICHLOROETHYLENE ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE ug/L	ND@3	ND@3	ND@3	ND@3	ND@3	ND@3
XYLENE, TOTAL ug/L						

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60" STORM

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SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 09/28/89 89-9-4476-03 01	60" STORM STORM SEWER 10/05/89 89-10-4597-3 01	60" STORM STORM SEWER 10/12/89 89-10-4734-3 01	60" STORM STORM SEWER 10/19/89 89-10-4846-3 01	60" STORM STORM SEWER 10/26/89 89-10-4965-3 01	60" STORM STORM SEWER 11/02/89 89-11-508203 01
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PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	60" STORM STORM SEWER 09/28/89 89-9-4476-03 01	60" STORM STORM SEWER 10/05/89 89-10-4597-3 01	60" STORM STORM SEWER 10/12/89 89-10-4734-3 01	60" STORM STORM SEWER 10/19/89 89-10-4846-3 01	60" STORM STORM SEWER 10/26/89 89-10-4965-3 01	60" STORM STORM SEWER 11/02/89 89-11-508203 01
1,2-DICHLOROENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,3-DICHLOROENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,4-DICHLOROENZENE	ug/l	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/l	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

PARAMETER	UNITS	60" STORM STORM SEWER 09/28/89 89-9-4476-03 01	60" STORM STORM SEWER 10/05/89 89-10-4597-3 01	60" STORM STORM SEWER 10/12/89 89-10-4734-3 01	60" STORM STORM SEWER 10/19/89 89-10-4846-3 01	60" STORM STORM SEWER 10/26/89 89-10-4965-3 01	60" STORM STORM SEWER 11/02/89 89-11-508203 01
1,1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/l	NDa1	1	1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	NDa1	NDa1	1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	2	3	3	2	NDa1	2
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
ACETONE	ug/l	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/l	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/l	NA	NA	NA	NA	NA	NA
BENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa5	NDa5	NDa5	NDa1	NDa5	NDa5
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROENZENE	ug/l	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
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LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 09/28/89 89-9-4476-03 01	60" STORM STORM SEWER 10/05/89 89-10-4597-3 01	60" STORM STORM SEWER 10/12/89 89-10-4734-3 01	60" STORM STORM SEWER 10/19/89 89-10-4846-3 01	60" STORM STORM SEWER 10/26/89 89-10-4965-3 01	60" STORM STORM SEWER 11/02/89 89-11-508203 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/l	9	9	10	3	8	9
TRICHLOROFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
VINYL CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
XYLENE, TOTAL	ug/l	NDa3	NDa3	NDa3	NDa3	NDa3	NDa3

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 11/09/89 89-11-522903 01	60" STORM STORM SEWER 11/16/89 89-11-533303 01	60" STORM STORM SEWER 11/22/89 89-11-544303 01	60" STORM STORM SEWER 12/07/89 89-12-564503 01	60" STORM STORM SEWER 12/14/89 89-12-577703 01	60" STORM STORM SEWER 12/21/89 89-12-588003 01
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PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	1	2	2	2	2
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/L	NA	NA	NA	NA	NA	NA
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa5	NDa5	NDa5	NDa5	NDa5	NDa5
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 11/09/89 89-11-522903 01	60" STORM STORM SEWER 11/16/89 89-11-533303 01	60" STORM STORM SEWER 11/22/89 89-11-544303 01	60" STORM STORM SEWER 12/07/89 89-12-564503 01	60" STORM STORM SEWER 12/14/89 89-12-577703 01	60" STORM STORM SEWER 12/21/89 89-12-588003 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/l	NDa1	NDa1	7	9	11	11
TRICHLOROFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
VINYL CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
XYLENE, TOTAL	ug/l	NDa3	NDa3	NDa3	NDa3	NDa3	NDa3

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	12/28/89	01/04/90	01/11/90	01/18/90	01/25/90	02/08/90
LABORATORY SAMPLE I.D.	89-12-594603	90-1-0048-03	90-1-0179-03	90-1-0277-03	90-1-0388-03	900209G 06
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10	NDa1

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	NDa1	1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NA
1,2-DICHLOROETHYLENE, TOTAL	ug/L	2	3	3	2	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/L	NA	NA	NA	NA	NA	NA
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa5	NDa5	NDa5	NDa5	NDa5	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NA	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa5
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 12/28/89 89-12-594603 01	60" STORM STORM SEWER 01/04/90 90-1-0048-03 01	60" STORM STORM SEWER 01/11/90 90-1-0179-03 01	60" STORM STORM SEWER 01/18/90 90-1-0277-03 01	60" STORM STORM SEWER 01/25/90 90-1-0388-03 01	60" STORM STORM SEWER 02/08/90 9002096 06 01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	12	13	14	9	1	6
TRICHLOROETHYLENE ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE ug/l	ND@3	ND@3	ND@3	ND@3	ND@3	ND@1
XYLENE, TOTAL ug/l						

IBM Mid Hudson Valley - Kingston Site
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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	04/12/90	05/10/90	05/24/90	06/15/90	07/13/90	08/09/90
LABORATORY SAMPLE I.D.	900413C 10	900510Q 12	900524N 07	900615A 10	900713Z 10	900809M 09
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	1	2	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	NA	NA	NA	NA	NA
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NA
ACETONE	ug/L	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/L	NA	NA	NA	NA	NA
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NA
BROMOBENZENE	ug/L	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NA	NA	NA	NA	NA
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 04/12/90 900413C 10 01	60" STORM STORM SEWER 05/10/90 900510Q 12 01	60" STORM STORM SEWER 05/24/90 900524N 07 01	60" STORM STORM SEWER 06/15/90 900615A 10 01	60" STORM STORM SEWER 07/13/90 900713Z 10 01	60" STORM STORM SEWER 08/09/90 900809M 09 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/L	5	ND@1	6	6	4	3
TRICHLOROFLUOROMETHANE	ug/L	ND@10	ND@10	ND@10	ND@10	ND@10	ND@10
VINYL CHLORIDE	ug/L	ND@10	ND@10	ND@10	ND@10	ND@10	ND@10
XYLENE, TOTAL	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 09/13/90 900914C 09 01	60" STORM STORM SEWER 10/11/90 901012A 10 01	60" STORM STORM SEWER 12/13/90 901214A 09 01	60" STORM STORM SEWER 01/10/91 910110F 10 01	60" STORM STORM SEWER 02/02/93 120249-01 01	60" STORM STORM SEWER 07/23/93 125981-49 01
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PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NA	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NA	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NA	NA	NA	NA	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	2.5	4.4
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NA	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NA	NDa1	NDa1
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/L	NA	NA	NA	NA	NA	NA
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NA	NA
BENZYL CHLORIDE	ug/L	NA	NA	NA	NA	NDa1	NDa1
BROMOBENZENE	ug/L	NA	NA	NA	NA	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa10	NDa10	NDa5	NDa5	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NA	NA	NA	NA	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa10	NDa10	NDa5	NDa5	NDa1	NDa1
CHLOROFORM	ug/L	2	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa10	NDa10	NDa5	NDa5	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NA	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa10	NDa10	NDa5	NDa5	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NA	NA
METHYLENE CHLORIDE	ug/L	3	NDa1	NDa1	2	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 09/13/90 900914C 09 01	60" STORM STORM SEWER 10/11/90 901012A 10 01	60" STORM STORM SEWER 12/13/90 901214A 09 01	60" STORM STORM SEWER 01/10/91 910110F 10 01	60" STORM STORM SEWER 02/02/93 120249-01 01	60" STORM STORM SEWER 07/23/93 125981-49 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/L	5	4	6	4	6.3	4.8
TRICHLOROFLUOROMETHANE	ug/L	ND@10	ND@10	ND@5	ND@5	ND@1	ND@1
VINYL CHLORIDE	ug/L	ND@10	ND@10	ND@5	ND@5	ND@1	ND@1
XYLENE, TOTAL	ug/L	ND@1	ND@1	ND@1	ND@1	NA	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM	60" STORM
STORM SEWER	STORM SEWER
08/05/93	08/23/93
126491-47	127151-63
01	01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1
2-CHLOROETHYL VINYL ETHER	ug/l	ND@1	ND@1

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	ND@1	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	ND@1	ND@1
1,1-DICHLOROETHYLENE	ug/l	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	2.9	2.8
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1
1-CHLOROHEXANE	ug/l	ND@1	ND@1
4-CHLOROTOLUENE	ug/l	ND@1	ND@1
ACETONE	ug/l	NA	NA
ACROLEIN	ug/l	NA	NA
ACRYLONITRILE	ug/l	NA	NA
BENZENE	ug/l	NA	NA
BENZYL CHLORIDE	ug/l	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1
TOLUENE	ug/l	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM	60" STORM
STORM SEWER	STORM SEWER
08/05/93	08/23/93
126491-47	127151-63
01	01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/l	4.1	3.7
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA

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IWSL COT

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

IWSL COT CATCH BASIN	IWSL COT CATCH BASIN	IWSL COT CATCH BASIN	IWSL COT CATCH BASIN	IWSL COT CATCH BASIN	IWSL COT CATCH BASIN
12/16/81	06/21/82	12/08/82	03/16/83	06/29/83	08/12/83
81-12-9622-6	82-6-10600-5	82-12-115063	83-3-12030-3	83-6-12512-9	83-9-12820-5
01	01	01	01	01	01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,3-DICHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,4-DICHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/l	NDa5	NDa1	NDa3	NDa3	NDa3	NDa3

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/l	171	62	7.7	77	43	23
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa3	NDa3
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa3	NDa3
1,1-DICHLOROETHANE	ug/l	11	2	3.0	4.3	4.2	3.1
1,1-DICHLOROETHYLENE	ug/l	26	6	10	21	18	6.6
1,2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/l	14	11	NDa3	6.3	5.1	3.8
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	2	NDa3	3.6	3.9	NDa3
1,2-DICHLOROPROPANE	ug/l	NDa2	NDa1	NDa3	NDa3	NDa3	NDa3
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
ACETONE	ug/l	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/l	NDa200	NDa100	NDa100	NDa100	NDa100	NDa100
ACRYLONITRILE	ug/l	NDa200	NDa100	NDa100	NDa100	NDa100	NDa100
BENZENE	ug/l	NDa5	NDa1	NDa3	NDa3	NDa3	NDa3
BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa3	NDa3
BROMOFORM	ug/l	NDa2	NDa1	NDa3	NDa3	NDa3	NDa3
BROMOMETHANE	ug/l	NDa5	NDa1	NDa3	NDa3	NDa3	NDa3
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa3	NDa3
CHLOROBENZENE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa3	NDa3
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa3	NDa3
CHLOROETHANE	ug/l	NDa5	NDa1	NDa3	NDa3	NDa3	NDa3
CHLOROFORM	ug/l	4	1	NDa3	NDa3	NDa3	NDa3
CHLOROMETHANE	ug/l	NDa5	NDa1	NDa3	NDa3	NDa3	NDa3
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa2	NDa1	NDa3	NDa3	NDa3	NDa3
DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa3	NDa3
ETHYLBENZENE	ug/l	NDa5	NDa1	NDa3	NDa3	NDa3	NDa3
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa3	NDa3
TETRACHLOROETHYLENE	ug/l	NDa1	NDa1	NDa3	NDa3	NDa3	NDa3
TOLUENE	ug/l	NDa5	NDa1	NDa3	NDa3	NDa3	NDa3
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa2	NDa1	NDa3	NDa3	NDa3	NDa3

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IWSL COT

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

IWSL COT CATCH BASIN 12/16/81	IWSL COT CATCH BASIN 06/21/82	IWSL COT CATCH BASIN 12/08/82	IWSL COT CATCH BASIN 03/16/83	IWSL COT CATCH BASIN 06/29/83	IWSL COT CATCH BASIN 08/12/83
81-12-9622-6	82-6-10600-5	82-12-115063	83-3-12030-3	83-6-12512-9	83-9-12820-5
01	01	01	01	01	01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/L	165	110	8.6	133	100	54
TRICHLOROFLUOROMETHANE	ug/L	ND@1	ND@1	ND@3	ND@3	ND@3	ND@3
VINYL CHLORIDE	ug/L	ND@5	ND@1	ND@3	ND@3	ND@3	ND@3
XYLENE, TOTAL	ug/L	NA	NA	NA	NA	NA	NA

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IWSL COT

SAMPLE LOCATION	IWSL COT	IWSL COT	IWSL COT	IWSL COT	IWSL COT	IWSL COT
SAMPLE DESCRIPTION	CATCH BASIN	CATCH BASIN	CATCH BASIN	CATCH BASIN	CATCH BASIN	CATCH BASIN
SAMPLE DATE	01/05/84	03/20/84	06/11/84	09/14/84	01/03/85	06/28/85
LABORATORY SAMPLE I.D.	84-1-132-10	84-3-478-9	84-5-907-9	84-9-1516-9	84-12-2217-2	85-6-1216-2
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	ug/l	NA	NA	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/l	NDa3	NDa3	NDa10	NDa10	NDa10	NDa10

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/l	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/l	54	76	71	79	87	33
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa3	NDa3	NDa3	NDa3	NDa3	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa3	NDa3	NDa3	NDa3	NDa3	NDa1
1,1-DICHLOROETHANE	ug/l	5	5	5	4	6	3
1,1-DICHLOROETHYLENE	ug/l	15	22	21	17	52	11
1,2,3-TRICHLOROPROPANE	ug/l	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/l	7	6	4	NDa3	5	3
1,2-DICHLOROETHYLENE, TOTAL	ug/l	5	6	5	4	10	NDa1
1,2-DICHLOROPROPANE	ug/l	NDa3	NDa3	NDa3	NDa3	NDa3	NDa1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
ACETONE	ug/l	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/l	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
ACRYLONITRILE	ug/l	NDa100	NDa100	NDa100	NDa100	NDa100	NDa100
BENZENE	ug/l	NDa3	NDa3	NDa3	NDa3	NDa3	NDa1
BENZYL CHLORIDE	ug/l	NA	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/l	NDa3	NDa3	NDa3	NDa3	NDa3	NDa1
BROMOFORM	ug/l	NDa3	NDa3	NDa3	NDa3	NDa3	NDa1
BROMOMETHANE	ug/l	NDa3	NDa3	NDa3	NDa3	NDa3	NDa1
CARBON TETRACHLORIDE	ug/l	NDa3	NDa3	NDa3	NDa3	NDa3	NDa1
CHLOROBENZENE	ug/l	NDa3	NDa3	NDa3	NDa3	NDa3	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa3	NDa3	NDa3	NDa3	NDa3	NDa1
CHLOROETHANE	ug/l	NDa3	NDa3	NDa3	NDa3	NDa3	NDa1
CHLOROFORM	ug/l	NDa3	NDa3	NDa3	NDa3	NDa3	NDa1
CHLOROMETHANE	ug/l	NDa3	NDa3	NDa3	NDa3	NDa3	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa3	NDa3	NDa3	NDa3	NDa3	NDa1
DIBROMOMETHANE	ug/l	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	ug/l	NDa3	NDa3	NDa3	NDa3	NDa3	NDa1
ETHYLBENZENE	ug/l	NDa3	NDa3	NDa3	NDa3	NDa3	NDa1
METHYLENE CHLORIDE	ug/l	NDa3	NDa3	NDa3	NDa3	NDa3	NDa1
TETRACHLOROETHYLENE	ug/l	NDa3	NDa3	NDa3	NDa3	NDa3	NDa1
TOLUENE	ug/l	NDa3	NDa3	NDa3	NDa3	NDa3	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa3	NDa3	NDa3	NDa3	NDa3	NDa1

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IWSL COT

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

IWSL COT	IWSL COT	IWSL COT	IWSL COT	IWSL COT	IWSL COT
CATCH BASIN	CATCH BASIN	CATCH BASIN	CATCH BASIN	CATCH BASIN	CATCH BASIN
01/05/84	03/20/84	06/11/84	09/14/84	01/03/85	06/28/85
84-1-132-10	84-3-478-9	84-5-907-9	84-9-1516-9	84-12-2217-2	85-6-1216-2
01	01	01	01	01	01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/l	110	200	210	150	150	110
TRICHLOROFLUOROMETHANE	ug/l	NDa3	NDa3	NDa3	NDa3	NDa3	NDa1
VINYL CHLORIDE	ug/l	NDa3	NDa3	NDa3	NDa3	NDa3	NDa1
XYLENE, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

IBM Mid Hudson Valley - Kingston Site
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IWSL COT

SAMPLE LOCATION	IWSL COT	IWSL COT	IWSL COT	IWSL COT	IWSL COT	IWSL COT
SAMPLE DESCRIPTION	REPLICATE	CATCH BASIN	CATCH BASIN	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	06/28/85	03/31/86	06/25/86	07/23/93	08/05/93	08/23/93
LABORATORY SAMPLE I.D.	85-6-1216-14	86-3-568-6	86-6-1184-6	125981-50	126491-48	127151-64
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/L	NA	NA	NA	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NA	NA	NA	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NA	NDa10	NDa10	NDa1	NDa1	NDa1

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	NA	NA	NA	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NA	51	41	4.5	3.9	3.6
1,1,2,2-TETRACHLOROETHANE	ug/L	NA	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NA	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NA	4	3	1.4	1.4	1.2
1,1-DICHLOROETHYLENE	ug/L	NA	9	8	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NA	NA	NA	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NA	2	3	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NA	5	6	1.4	1	NDa1
1,2-DICHLOROPROPANE	ug/L	NA	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NA	NA	NA	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NA	NA	NA	NDa1	NDa1	NDa1
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NA	NDa100	NDa100	NA	NA	NA
ACRYLONITRILE	ug/L	NA	NDa100	NDa100	NA	NA	NA
BENZENE	ug/L	NA	NDa1	NDa1	NA	NA	NA
BENZYL CHLORIDE	ug/L	NA	NA	NA	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NA	NA	NA	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NA	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NA	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NA	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NA	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NA	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NA	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NA	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NA	1	1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NA	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NA	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NA	NA	NA	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NA	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NA	NDa1	NDa1	NA	NA	NA
METHYLENE CHLORIDE	ug/L	NA	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NA	90	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NA	NDa1	NDa1	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/L	NA	NDa1	NDa1	NDa1	NDa1	NDa1

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IWSL COT

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

IWSL COT REPLICATE 06/28/85 85-6-1216-14 01	IWSL COT CATCH BASIN 03/31/86 86-3-568-G 01	IWSL COT CATCH BASIN 06/25/86 86-6-1184-G 01	IWSL COT STORM SEWER 07/23/93 125981-50 01	IWSL COT STORM SEWER 08/05/93 126491-48 01	IWSL COT STORM SEWER 08/23/93 127151-64 01
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PARAMETER

UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/L	NA	ND@1	ND@1	21	18	17
TRICHLOROFLUOROMETHANE	ug/L	NA	NA	NA	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/L	NA	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/L	NA	ND@3	ND@3	NA	NA	NA

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OUTFALL 001A

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

OUTFALL 001A	OUTFALL 001A	OUTFALL 001A	OUTFALL 001A	OUTFALL 001A
SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL
06/25/93	07/20/93	07/23/93	08/05/93	08/23/93
124998-19	125807-44	125981-32	126491-40	127151-43
01	01	01	01	01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
ACETONE	ug/l	NA	NA	NA	NA	NA
ACROLEIN	ug/l	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/l	NA	NA	NA	NA	NA
BENZENE	ug/l	NA	NA	NA	NA	NA
BENZYL CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/l	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/l	NA	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1

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OUTFALL 001A

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

OUTFALL 001A	OUTFALL 001A	OUTFALL 001A	OUTFALL 001A	OUTFALL 001A
SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL
06/25/93	07/20/93	07/23/93	08/05/93	08/23/93
124998-19	125807-44	125981-32	126491-40	127151-43
01	01	01	01	01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/L	NA	NA	NA	NA	NA

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OUTFALL 001B

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

OUTFALL 001B
SPDES OUTFL
07/20/93
125807-45
01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/l	NDa1
1,3-DICHLOROBENZENE	ug/l	NDa1
1,4-DICHLOROBENZENE	ug/l	NDa1
2-CHLOROETHYL VINYL ETHER	ug/l	NDa1

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/l	NDa1
1,1,1-TRICHLOROETHANE	ug/l	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1
1,1-DICHLOROETHANE	ug/l	NDa1
1,1-DICHLOROETHYLENE	ug/l	NDa1
1,2,3-TRICHLOROPROPANE	ug/l	NDa1
1,2-DICHLOROETHANE	ug/l	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1
1,2-DICHLOROPROPANE	ug/l	NDa1
1-CHLOROHEXANE	ug/l	NDa1
4-CHLOROTOLUENE	ug/l	NDa1
ACETONE	ug/l	NA
ACROLEIN	ug/l	NA
ACRYLONITRILE	ug/l	NA
BENZENE	ug/l	NA
BENZYL CHLORIDE	ug/l	NDa1
BROMOBENZENE	ug/l	NDa1
BROMODICHLOROMETHANE	ug/l	NDa1
BROMOFORM	ug/l	NDa1
BROMOMETHANE	ug/l	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1
CHLOROBENZENE	ug/l	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1
CHLOROETHANE	ug/l	NDa1
CHLOROFORM	ug/l	NDa1
CHLOROMETHANE	ug/l	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1
DIBROMOMETHANE	ug/l	NDa1
DICHLORODIFLUOROMETHANE	ug/l	NDa1
ETHYLBENZENE	ug/l	NA
METHYLENE CHLORIDE	ug/l	NDa1
TETRACHLOROETHYLENE	ug/l	NDa1
TOLUENE	ug/l	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa1

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OUTFALL 001B

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

OUTFALL 001B
SPDES OUTFL
07/20/93
125807-45
01

PARAMETER	UNITS
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VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/l	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1
VINYL CHLORIDE	ug/l	ND@1
XYLENE, TOTAL	ug/l	NA

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OUTFALL 004

SAMPLE LOCATION	OUTFALL 004	OUTFALL 004	OUTFALL 004	OUTFALL 004	OUTFALL 004	OUTFALL 004
SAMPLE DESCRIPTION	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL
SAMPLE DATE	06/25/93	07/12/93	07/19/93	07/19/93	07/19/93	07/20/93
LABORATORY SAMPLE I.D.	124998-01	125517-01	125807-01	125807-14	125807-27	125807-33
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ACETONE	ug/L	NA	NA	NA	NA	NA	NA
ACROLEIN	ug/L	NA	NA	NA	NA	NA	NA
ACRYLONITRILE	ug/L	NA	NA	NA	NA	NA	NA
BENZENE	ug/L	NA	NA	NA	NA	NA	NA
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NA	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NA	NA	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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OUTFALL 004

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

OUTFALL 004
SPDES OUTFL
06/25/93
124998-01
01

OUTFALL 004
SPDES OUTFL
07/12/93
125517-01
01

OUTFALL 004
SPDES OUTFL
07/19/93
125807-01
01

OUTFALL 004
SPDES OUTFL
07/19/93
125807-14
01

OUTFALL 004
SPDES OUTFL
07/19/93
125807-27
01

OUTFALL 004
SPDES OUTFL
07/20/93
125807-33
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE
TRICHLOROFLUOROMETHANE
VINYL CHLORIDE
XYLENE, TOTAL

ug/l
ug/l
ug/l
ug/l

ND@1
ND@1
ND@1
NA

ND@1
ND@1
ND@1
NA

ND@1
ND@1
ND@1
NA

ND@1
ND@1
ND@1
NA

ND@1
ND@1
ND@1
NA

ND@1
ND@1
ND@1
NA

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OUTFALL 004

SAMPLE LOCATION	OUTFALL 004	OUTFALL 004	OUTFALL 004
SAMPLE DESCRIPTION	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL
SAMPLE DATE	07/23/93	08/05/93	08/23/93
LABORATORY SAMPLE I.D.	125981-38	126491-01	127151-01
SAMPLE RUN NUMBER	01	01	01
SAMPLE COMMENT CODES			

PARAMETER	UNITS
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BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1
ACETONE	ug/L	NA	NA	NA
ACROLEIN	ug/L	NA	NA	NA
ACRYLONITRILE	ug/L	NA	NA	NA
BENZENE	ug/L	NA	NA	NA
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NA	NA	NA
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1
TOLUENE	ug/L	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1

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OUTFALL 004

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

OUTFALL 004	OUTFALL 004	OUTFALL 004
SPDES OUTFL	SPDES OUTFL	SPDES OUTFL
07/23/93	08/05/93	08/23/93
125981-38	126491-01	127151-01
01	01	01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TRICHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/L	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/L	NA	NA	NA

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EXPLANATION OF REPORTING CONVENTIONS AND KEY TO COMMENT CODES

REPORTING CONVENTIONS

NA Not Analyzed
ND@X Not Detected at Detection Limit X
BMRL@X Below Minimum Reporting Limit of X

CODE EXPLANATION

^ Non-Standard Measurement Unit
c Sample contained sediment which may have contributed to reported results
d 24 Hour Composite Sample
B Organic analyte detected in both the sample and the laboratory blank
D Compounds identified at a secondary dilution factor
E Concentration exceeds the calibration range of the GC/MS instrument
J Estimated Value
N Spiked sample recovery not within control limits
P Lower of 2 GC column concentrations that have more than 25% difference
R Reported value is less than the CRDL but greater than the IDL
S Surrogate recoveries exceed acceptable control limits
W Post digestion spike FAA out of control limits; sample absorbance < 50%

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30" STORM

SAMPLE LOCATION	30" STORM	30" STORM	30" STORM	30" STORM	30" STORM	30" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	12/16/81	08/12/83	03/22/84	04/26/84	05/03/84	05/10/84
LABORATORY SAMPLE I.D.	81-12-9622-1	83-9-12820-9	84-3-480-A	84-4-701-A	84-5-749-A	84-5-795-A
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	ND@4	ND@10	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	ND@0.3	NA	NA	NA	NA
PCB 1254	ug/l	NA	ND@0.3	NA	NA	NA	NA
PCB 1260	ug/l	NA	ND@0.3	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	7.4	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	290	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	6.5	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	49.4	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	ND@0.01	NA	NA	NA	NA
FLUORIDE	mg/l	NA	0.12	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	0.93	NA	NA	NA	NA
SULFATE	mg/l	NA	32	NA	NA	NA	NA

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30" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

30" STORM STORM SEWER 12/16/81 81-12-9622-1 01	30" STORM STORM SEWER 08/12/83 83-9-12820-9 01	30" STORM STORM SEWER 03/22/84 84-3-480-A 01	30" STORM STORM SEWER 04/26/84 84-4-701-A 01	30" STORM STORM SEWER 05/03/84 84-5-749-A 01	30" STORM STORM SEWER 05/10/84 84-5-795-A 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/l	NA	NDa0.005	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/l	NA	NDa0.20	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/l	NA	0.01	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/l	NA	NDa0.1	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/l	NA	NDa0.03	NA	NA	NA	NA
COPPER, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/l	NA	0.01	NA	NA	NA	NA
IRON, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/l	NA	0.92	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/l	NA	NDa0.005	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/l	NA	0.57	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/l	NA	NDa0.0002	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/l	NA	NDa0.05	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/l	NA	NDa0.005	NA	NA	NA	NA
ZINC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/l	NA	0.09	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/l	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/l	NA	NDa0.1	NA	NA	NA	NA

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30" STORM

SAMPLE LOCATION	30" STORM	30" STORM	30" STORM	30" STORM	30" STORM	30" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	05/24/84	05/31/84	06/07/84	06/28/84	07/05/84	07/12/84
LABORATORY SAMPLE I.D.	84-5-894-A	84-5-920-A	84-6-973-A	84-6-1096-A	84-7-1124-A	84-7-1173-A
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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30" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

30" STORM STORM SEWER 05/24/84 84-5-894-A 01	30" STORM STORM SEWER 05/31/84 84-5-920-A 01	30" STORM STORM SEWER 06/07/84 84-6-973-A 01	30" STORM STORM SEWER 06/28/84 84-6-1096-A 01	30" STORM STORM SEWER 07/05/84 84-7-1124-A 01	30" STORM STORM SEWER 07/12/84 84-7-1173-A 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/l	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/l	NA	NA	NA	NA	NA	NA

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30" STORM

SAMPLE LOCATION	30" STORM	30" STORM	30" STORM	30" STORM	30" STORM	30" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	07/19/84	07/26/84	08/02/84	08/09/84	08/16/84	08/23/84
LABORATORY SAMPLE I.D.	84-7-1210-A	84-7-1243-A	84-8-1293-A	84-8-1342-A	84-8-1393-A	84-8-1430-A
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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30" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

30" STORM STORM SEWER 07/19/84 84-7-1210-A 01	30" STORM STORM SEWER 07/26/84 84-7-1243-A 01	30" STORM STORM SEWER 08/02/84 84-8-1293-A 01	30" STORM STORM SEWER 08/09/84 84-8-1342-A 01	30" STORM STORM SEWER 08/16/84 84-8-1393-A 01	30" STORM STORM SEWER 08/23/84 84-8-1430-A 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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30" STORM

SAMPLE LOCATION	30" STORM	30" STORM	30" STORM	30" STORM	30" STORM	30" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	08/30/84	09/07/84	09/27/84	10/04/84	10/11/84	10/18/84
LABORATORY SAMPLE I.D.	84-8-1484-A	84-9-1534-A	84-9-1673-A	84-10-1725-A	84-10-1772-A	84-10-1826-A
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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30" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

30" STORM STORM SEWER 08/30/84 84-8-1484-A 01	30" STORM STORM SEWER 09/07/84 84-9-1534-A 01	30" STORM STORM SEWER 09/27/84 84-9-1673-A 01	30" STORM STORM SEWER 10/04/84 84-10-1725-A 01	30" STORM STORM SEWER 10/11/84 84-10-1772-A 01	30" STORM STORM SEWER 10/18/84 84-10-1826-A 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA

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30" STORM

SAMPLE LOCATION		30" STORM	30" STORM	30" STORM	30" STORM	30" STORM	30" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		10/25/84	11/12/84	11/21/84	11/29/84	12/06/84	12/13/84
LABORATORY SAMPLE I.D.		84-10-1876-A	84-11-1970-A	84-11-2030-A	84-11-2064-A	84-12-2104-A	84-11-2019-A
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
ACID EXTRACTABLES							
PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA
INDICATOR PARAMETERS							
PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA
INORGANICS							
CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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30" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

30" STORM STORM SEWER 10/25/84 84-10-1876-A 01	30" STORM STORM SEWER 11/12/84 84-11-1970-A 01	30" STORM STORM SEWER 11/21/84 84-11-2030-A 01	30" STORM STORM SEWER 11/29/84 84-11-2064-A 01	30" STORM STORM SEWER 12/06/84 84-12-2104-A 01	30" STORM STORM SEWER 12/13/84 84-11-2019-A 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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30" STORM

SAMPLE LOCATION	30" STORM	30" STORM	30" STORM	30" STORM	30" STORM	30" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	12/20/84	01/04/85	01/10/85	02/14/85	02/21/85	03/11/85
LABORATORY SAMPLE I.D.	84-12-2200-A	85-1-133-A	85-1-163-A	85-2-355-A	85-2-405-A	85-3-455-2
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	ND@10

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	NA	ND@0.3
PCB 1254	ug/l	NA	NA	NA	NA	NA	ND@0.3
PCB 1260	ug/l	NA	NA	NA	NA	NA	ND@0.3

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	7.0
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	346
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	3.0

INORGANICS

CHLORIDE	mg/l	NA	NA	NA	NA	NA	103
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	ND@0.02
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	0.1
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	4.5
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	53

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30" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

30" STORM STORM SEWER 12/20/84 84-12-2200-A 01	30" STORM STORM SEWER 01/04/85 85-1-133-A 01	30" STORM STORM SEWER 01/10/85 85-1-163-A 01	30" STORM STORM SEWER 02/14/85 85-2-355-A 01	30" STORM STORM SEWER 02/21/85 85-2-405-A 01	30" STORM STORM SEWER 03/11/85 85-3-455-2 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	ND@0.005
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	ND@0.1
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	ND@0.01
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	ND@0.1
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	ND@0.03
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	ND@0.01
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	0.10
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	ND@0.005
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	0.07
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	ND@0.0002
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	ND@0.05
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	ND@0.005
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	0.19
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	ND@2000
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	ND@0.1

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30" STORM

SAMPLE LOCATION		30" STORM	30" STORM	30" STORM	30" STORM	30" STORM	30" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		05/10/85	06/28/85	07/25/85	08/01/85	08/08/85	08/15/85
LABORATORY SAMPLE I.D.		85-5-855-2	85-6-1216-3	85-7-1359-A	85-7-1402-A	85-8-1441-A	85-8-1494-A
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/L	NA	NA	NA	NA	NA	NA
ACID EXTRACTABLES							
PHENOL	ug/L	NA	ND@10	NA	NA	NA	NA
PHENOLS, TOTAL	ug/L	ND@10	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/L	ND@0.3	NA	NA	NA	NA	NA
PCB 1254	ug/L	ND@0.3	NA	NA	NA	NA	NA
PCB 1260	ug/L	ND@0.3	NA	NA	NA	NA	NA
INDICATOR PARAMETERS							
PH	pH	6.8	7.5	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/L	492	434	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/L	1.1	2	NA	NA	NA	NA
INORGANICS							
CHLORIDE	mg/L	127	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/L	ND@0.02	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/L	NA	ND@0.02	NA	NA	NA	NA
FLUORIDE	mg/L	0.2	NA	NA	NA	NA	NA
NITRATE	mg/L	NA	2.83	NA	NA	NA	NA
NITRATE-NITROGEN	mg/L	4.06	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
SULFATE	mg/L	60	NA	NA	NA	NA	NA

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30" STORM

SAMPLE LOCATION
 SAMPLE DESCRIPTION
 SAMPLE DATE
 LABORATORY SAMPLE I.D.
 SAMPLE RUN NUMBER
 SAMPLE COMMENT CODES

30" STORM STORM SEWER 05/10/85 85-5-855-2 01	30" STORM STORM SEWER 06/28/85 85-6-1216-3 01	30" STORM STORM SEWER 07/25/85 85-7-1359-A 01	30" STORM STORM SEWER 08/01/85 85-7-1402-A 01	30" STORM STORM SEWER 08/08/85 85-8-1441-A 01	30" STORM STORM SEWER 08/15/85 85-8-1494-A 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	ND@0.005	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	ND@0.1	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	ND@0.01	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	ND@0.1	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	ND@0.03	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	0.10	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	1.1	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	ND@0.005	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	0.20	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	ND@0.0002	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	ND@0.05	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	ND@0.005	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	0.46	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	3000	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	ND@1	9.3	NA	NA	NA	NA

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30" STORM

SAMPLE LOCATION	30" STORM	30" STORM	30" STORM	30" STORM	30" STORM	30" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	08/22/85	08/29/85	09/06/85	09/12/85	09/19/85	09/26/85
LABORATORY SAMPLE I.D.	85-8-1533-A	85-8-1566-A	85-9-1621-A	85-9-1661-A	85-9-1715-A	85-9-1755-A
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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30" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

30" STORM STORM SEWER 08/22/85 85-8-1533-A 01	30" STORM STORM SEWER 08/29/85 85-8-1566-A 01	30" STORM STORM SEWER 09/06/85 85-9-1621-A 01	30" STORM STORM SEWER 09/12/85 85-9-1661-A 01	30" STORM STORM SEWER 09/19/85 85-9-1715-A 01	30" STORM STORM SEWER 09/26/85 85-9-1755-A 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/l	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/l	NA	NA	NA	NA	NA	NA

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30" STORM

SAMPLE LOCATION		30" STORM	30" STORM	30" STORM	30" STORM	30" STORM	30" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		12/13/85	12/20/85	12/26/85	01/02/86	01/09/86	01/16/86
LABORATORY SAMPLE I.D.		85-12-2259-A	85-12-2313-A	85-12-2315-A	86-1-100-A	86-1-163-A	86-1-193-A
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
ACID EXTRACTABLES							
PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA
INDICATOR PARAMETERS							
PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA
INORGANICS							
CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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30" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

30" STORM STORM SEWER 12/13/85 85-12-2259-A 01	30" STORM STORM SEWER 12/20/85 85-12-2313-A 01	30" STORM STORM SEWER 12/26/85 85-12-2315-A 01	30" STORM STORM SEWER 01/02/86 86-1-100-A 01	30" STORM STORM SEWER 01/09/86 86-1-163-A 01	30" STORM STORM SEWER 01/16/86 86-1-193-A 01
--	--	--	--	--	--

PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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30" STORM

SAMPLE LOCATION		30" STORM	30" STORM	30" STORM	30" STORM	30" STORM	30" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		01/23/86	01/30/86	02/06/86	02/14/86	02/20/86	02/27/86
LABORATORY SAMPLE I.D.		86-1-238-A	86-1-281-A	86-2-323-A	86-2-394-A	86-2-418-A	86-2-455-A
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/L	NA	NA	NA	NA	NA	NA
ACID EXTRACTABLES							
PHENOL	ug/L	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/L	NA	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/L	NA	NA	NA	NA	NA	NA
PCB 1254	ug/L	NA	NA	NA	NA	NA	NA
PCB 1260	ug/L	NA	NA	NA	NA	NA	NA
INDICATOR PARAMETERS							
PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/L	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/L	NA	NA	NA	NA	NA	NA
INORGANICS							
CHLORIDE	mg/L	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/L	NA	NA	NA	NA	NA	NA
NITRATE	mg/L	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
SULFATE	mg/L	NA	NA	NA	NA	NA	NA

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30" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

30" STORM
STORM SEWER
01/23/86
86-1-238-A
01

30" STORM
STORM SEWER
01/30/86
86-1-281-A
01

30" STORM
STORM SEWER
02/06/86
86-2-323-A
01

30" STORM
STORM SEWER
02/14/86
86-2-394-A
01

30" STORM
STORM SEWER
02/20/86
86-2-418-A
01

30" STORM
STORM SEWER
02/27/86
86-2-455-A
01

PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/l	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/l	NA	NA	NA	NA	NA	NA

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30" STORM

SAMPLE LOCATION		30" STORM	30" STORM	30" STORM	30" STORM	30" STORM	30" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		03/07/86	03/14/86	03/20/86	03/27/86	03/31/86	07/02/87
LABORATORY SAMPLE I.D.		86-3-502-A	86-3-551-A	86-3-610-A	86-3-650-A	86-3-568-H	87-6-2945-A
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
ACID EXTRACTABLES							
PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	ND@10	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA
INDICATOR PARAMETERS							
PH	pH	NA	NA	NA	NA	7.8	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	512	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	4.9	NA
INORGANICS							
CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	ND@0.02	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	3.30	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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30" STORM

SAMPLE LOCATION
 SAMPLE DESCRIPTION
 SAMPLE DATE
 LABORATORY SAMPLE I.D.
 SAMPLE RUN NUMBER
 SAMPLE COMMENT CODES

30" STORM
 STORM SEWER
 03/07/86
 86-3-502-A
 01

30" STORM
 STORM SEWER
 03/14/86
 86-3-551-A
 01

30" STORM
 STORM SEWER
 03/20/86
 86-3-610-A
 01

30" STORM
 STORM SEWER
 03/27/86
 86-3-650-A
 01

30" STORM
 STORM SEWER
 03/31/86
 86-3-568-H
 01

30" STORM
 STORM SEWER
 07/02/87
 87-6-2945-A
 01

PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	ND@1	NA

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30" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

30" STORM STORM SEWER 07/09/87 87-6-3023-A 01	30" STORM STORM SEWER 07/16/87 87-7-3102-A 01	30" STORM STORM SEWER 07/23/87 87-7-3189-A 01	30" STORM STORM SEWER 07/30/87 87-7-3263-A 01	30" STORM STORM SEWER 08/06/87 87-8-3367-A 01	30" STORM STORM SEWER 08/13/87 87-8-3459-A 01
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PARAMETER UNITS

ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
-------------	------	----	----	----	----	----	----

ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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30" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

30" STORM STORM SEWER 07/09/87 87-6-3023-A 01	30" STORM STORM SEWER 07/16/87 87-7-3102-A 01	30" STORM STORM SEWER 07/23/87 87-7-3189-A 01	30" STORM STORM SEWER 07/30/87 87-7-3263-A 01	30" STORM STORM SEWER 08/06/87 87-8-3367-A 01	30" STORM STORM SEWER 08/13/87 87-8-3459-A 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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30" STORM

SAMPLE LOCATION		30" STORM	30" STORM	30" STORM	30" STORM	30" STORM	30" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		08/20/87	08/27/87	09/03/87	09/10/87	09/17/87	10/01/87
LABORATORY SAMPLE I.D.		87-8-3554-A	87-8-3644-A	87-9-3744-A	87-9-3861-A	87-9-3939-A	87-9-4105-A
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
ACID EXTRACTABLES							
PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA
INDICATOR PARAMETERS							
PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA
INORGANICS							
CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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Last Updated: 01/18/94

30" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

30" STORM STORM SEWER 08/20/87 87-8-3554-A 01	30" STORM STORM SEWER 08/27/87 87-8-3644-A 01	30" STORM STORM SEWER 09/03/87 87-9-3744-A 01	30" STORM STORM SEWER 09/10/87 87-9-3861-A 01	30" STORM STORM SEWER 09/17/87 87-9-3939-A 01	30" STORM STORM SEWER 10/01/87 87-9-4105-A 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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30" STORM

SAMPLE LOCATION		30" STORM	30" STORM	30" STORM	30" STORM	30" STORM	30" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		10/08/87	10/15/87	10/22/87	10/29/87	11/05/87	11/12/87
LABORATORY SAMPLE I.D.		87-10-4187-A	87-10-4302-A	87-10-4384-A	87-10-4480-A	87-11-4581-A	87-11-4659-A
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
ACID EXTRACTABLES							
PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA
INDICATOR PARAMETERS							
PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA
INORGANICS							
CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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30" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

30" STORM STORM SEWER 10/08/87 87-10-4187-A 01	30" STORM STORM SEWER 10/15/87 87-10-4302-A 01	30" STORM STORM SEWER 10/22/87 87-10-4384-A 01	30" STORM STORM SEWER 10/29/87 87-10-4480-A 01	30" STORM STORM SEWER 11/05/87 87-11-4581-A 01	30" STORM STORM SEWER 11/12/87 87-11-4659-A 01
--	--	--	--	--	--

PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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30" STORM

SAMPLE LOCATION	30" STORM	30" STORM	30" STORM	30" STORM	30" STORM	30" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	11/19/87	11/25/87	12/03/87	12/10/87	01/07/88	06/25/93
LABORATORY SAMPLE I.D.	87-11-4741-A	87-11-4828-A	87-12-4914-A	87-12-5024-A	88-1-155-A	124998-23
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	8.1
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	3120
TEMPERATURE	C	NA	NA	NA	NA	NA	16.3
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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30" STORM

SAMPLE LOCATION	30" STORM	30" STORM	30" STORM	30" STORM	30" STORM	30" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	11/19/87	11/25/87	12/03/87	12/10/87	01/07/88	06/25/93
LABORATORY SAMPLE I.D.	87-11-4741-A	87-11-4828-A	87-12-4914-A	87-12-5024-A	88-1-155-A	124998-23
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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30" STORM

SAMPLE LOCATION		30" STORM	30" STORM	30" STORM	30" STORM	30" STORM	30" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		07/12/93	07/19/93	07/19/93	07/19/93	07/20/93	07/23/93
LABORATORY SAMPLE I.D.		125517-19	125807-09	125807-16	125807-29	125807-41	125981-40
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/L	NA	NA	NA	NA	NA	NA
ACID EXTRACTABLES							
PHENOL	ug/L	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/L	NA	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/L	NA	NA	NA	NA	NA	NA
PCB 1254	ug/L	NA	NA	NA	NA	NA	NA
PCB 1260	ug/L	NA	NA	NA	NA	NA	NA
INDICATOR PARAMETERS							
PH	pH	7.6	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	661	NA	NA	NA	NA	NA
TEMPERATURE	C	20.0	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/L	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/L	NA	NA	NA	NA	NA	NA
INORGANICS							
CHLORIDE	mg/L	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/L	NA	NA	NA	NA	NA	NA
NITRATE	mg/L	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
SULFATE	mg/L	NA	NA	NA	NA	NA	NA

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30" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

30" STORM
STORM SEWER
07/12/93
125517-19
01

30" STORM
STORM SEWER
07/19/93
125807-09
01

30" STORM
STORM SEWER
07/19/93
125807-16
01

30" STORM
STORM SEWER
07/19/93
125807-29
01

30" STORM
STORM SEWER
07/20/93
125807-41
01

30" STORM
STORM SEWER
07/23/93
125981-40
01

PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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30" STORM

SAMPLE LOCATION	30" STORM	30" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER
SAMPLE DATE	08/05/93	08/23/93
LABORATORY SAMPLE I.D.	126491-03	127151-03
SAMPLE RUN NUMBER	01	01
SAMPLE COMMENT CODES		

PARAMETER	UNITS		
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ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA
PCB 1254	ug/l	NA	NA
PCB 1260	ug/l	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA
TEMPERATURE	C	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA
FLUORIDE	mg/l	NA	NA
NITRATE	mg/l	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA
SULFATE	mg/l	NA	NA

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30" STORM

SAMPLE LOCATION
 SAMPLE DESCRIPTION
 SAMPLE DATE
 LABORATORY SAMPLE I.D.
 SAMPLE RUN NUMBER
 SAMPLE COMMENT CODES

30" STORM	30" STORM
STORM SEWER	STORM SEWER
08/05/93	08/23/93
126491-03	127151-03
01	01

PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/l	NA	NA
ARSENIC, TOTAL	mg/l	NA	NA
BARIUM, DISSOLVED	mg/l	NA	NA
BARIUM, TOTAL	mg/l	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA
CADMIUM, TOTAL	mg/l	NA	NA
CHROMIUM, HEXAVALENT	mg/l	NA	NA
CHROMIUM, TOTAL	mg/l	NA	NA
COPPER, DISSOLVED	mg/l	NA	NA
COPPER, TOTAL	mg/l	NA	NA
IRON, DISSOLVED	mg/l	NA	NA
IRON, TOTAL	mg/l	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA
LEAD, TOTAL	mg/l	NA	NA
MANGANESE, DISSOLVED	mg/l	NA	NA
MANGANESE, TOTAL	mg/l	NA	NA
MERCURY, DISSOLVED	mg/l	NA	NA
MERCURY, TOTAL	mg/l	NA	NA
NICKEL, DISSOLVED	mg/l	NA	NA
NICKEL, TOTAL	mg/l	NA	NA
SELENIUM, DISSOLVED	mg/l	NA	NA
SELENIUM, TOTAL	mg/l	NA	NA
ZINC, DISSOLVED	mg/l	NA	NA
ZINC, TOTAL	mg/l	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/l	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/l	NA	NA

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42" STORM

SAMPLE LOCATION		42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		12/16/81	06/21/82	10/04/82	12/08/82	03/16/83	06/29/83
LABORATORY SAMPLE I.D.		81-12-9622-3	82-6-10600-1	82-9-11203SS	82-12-115601	83-3-12030-1	83-6-12512-2
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/L	NA	NA	NA	NA	NA	NA
ACID EXTRACTABLES							
PHENOL	ug/L	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/L	ND@4	ND@4	ND@4	ND@4	ND@4	ND@10
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/L	NA	ND@0.10	ND@0.05	ND@0.3	ND@0.3	ND@0.3
PCB 1254	ug/L	NA	ND@0.10	ND@0.05	ND@0.3	ND@0.3	ND@0.3
PCB 1260	ug/L	NA	ND@0.10	ND@0.05	ND@0.3	ND@0.3	ND@0.3
INDICATOR PARAMETERS							
PH	pH	NA	7.00	7.43	7.36	7.79	7.2
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/L	NA	92	574	288	408	334
TOTAL ORGANIC CARBON	mg/L	NA	6.50	ND@1	8.3	2.3	7.5
INORGANICS							
CHLORIDE	mg/L	NA	31.5	75.1	87.6	100	66
CYANIDE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/L	NA	ND@0.02	ND@0.02	ND@0.02	ND@0.02	ND@0.05
FLUORIDE	mg/L	NA	0.12	0.06	0.06	0.06	ND@0.2
NITRATE	mg/L	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/L	NA	1.50	1.58	1.06	9.0	1.95
SULFATE	mg/L	NA	42	38	58	260	56

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM
STORM SEWER
12/16/81
81-12-9622-3
01

42" STORM
STORM SEWER
06/21/82
82-6-10600-1
01

42" STORM
STORM SEWER
10/04/82
82-9-11203SS
01

42" STORM
STORM SEWER
12/08/82
82-12-115601
01

42" STORM
STORM SEWER
03/16/83
83-3-12030-1
01

42" STORM
STORM SEWER
06/29/83
83-6-12512-2
01

PARAMETER UNITS

METALS

PARAMETER	UNITS	42" STORM STORM SEWER 12/16/81 81-12-9622-3 01	42" STORM STORM SEWER 06/21/82 82-6-10600-1 01	42" STORM STORM SEWER 10/04/82 82-9-11203SS 01	42" STORM STORM SEWER 12/08/82 82-12-115601 01	42" STORM STORM SEWER 03/16/83 83-3-12030-1 01	42" STORM STORM SEWER 06/29/83 83-6-12512-2 01
ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NDa0.003	NDa0.003	NDa0.003	NDa0.003	NDa0.003
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	0.09	NDa0.10	NDa0.10	NDa0.10	0.40
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NDa0.01	NDa0.01	NDa0.01	NDa0.01	NDa0.01
CHROMIUM, HEXAVALENT	mg/L	NA	NDa0.03	NDa0.1	NDa0.1	NDa0.1	NDa0.1
CHROMIUM, TOTAL	mg/L	NA	NDa0.03	0.05	NDa0.03	NDa0.03	NDa0.03
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NDa0.01	0.02	0.02	0.01	NDa0.01
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	0.38	0.18	0.17	0.14	0.12
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	0.005	0.006	0.008	0.006	NDa0.005
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	0.26	0.19	0.22	0.20	0.42
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NDa0.0002	NDa0.0002	NDa0.0002	NDa0.0002	NDa0.0002
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NDa0.05	0.06	NDa0.05	NDa0.05	NDa0.05
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NDa0.005	NDa0.005	NDa0.005	NDa0.005	NDa0.005
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	0.02	0.07	0.01	0.01	NDa0.01

PETROLEUM PRODUCTS

PARAMETER	UNITS	42" STORM STORM SEWER 12/16/81 81-12-9622-3 01	42" STORM STORM SEWER 06/21/82 82-6-10600-1 01	42" STORM STORM SEWER 10/04/82 82-9-11203SS 01	42" STORM STORM SEWER 12/08/82 82-12-115601 01	42" STORM STORM SEWER 03/16/83 83-3-12030-1 01	42" STORM STORM SEWER 06/29/83 83-6-12512-2 01
OIL & GREASE	ug/L	NA	NA	18000c	NDa2000	6000	NDa2000
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	1.30	1.2	0.8	NDa0.10	NDa0.1

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42" STORM

SAMPLE LOCATION		42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		08/12/83	01/05/84	03/20/84	03/22/84	04/26/84	05/03/84
LABORATORY SAMPLE I.D.		83-9-12820-4	84-1-132-2	84-3-478-2	84-3-480-B	84-4-701-B	84-5-749-B
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
ACID EXTRACTABLES							
PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	ND@10	ND@10	20	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/l	ND@0.3	ND@0.3	ND@0.3	NA	NA	NA
PCB 1254	ug/l	ND@0.3	ND@0.3	ND@0.3	NA	NA	NA
PCB 1260	ug/l	ND@0.3	ND@0.3	ND@0.3	NA	NA	NA
INDICATOR PARAMETERS							
PH	pH	7.1	7.2	7.0	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	272	280	356	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	4.5	1	ND@1	NA	NA	NA
INORGANICS							
CHLORIDE	mg/l	64.5	85	110	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	ND@0.01	ND@0.02	ND@0.02	NA	NA	NA
FLUORIDE	mg/l	0.12	0.11	0.21	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	2.5	2.00	NA	NA	NA
NITRITE-NITROGEN	mg/l	0.48	NA	NA	NA	NA	NA
SULFATE	mg/l	55	55.2	55.9	NA	NA	NA

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 08/12/83 83-9-12820-4 01	42" STORM STORM SEWER 01/05/84 84-1-132-2 01	42" STORM STORM SEWER 03/20/84 84-3-478-2 01	42" STORM STORM SEWER 03/22/84 84-3-480-B 01	42" STORM STORM SEWER 04/26/84 84-4-701-B 01	42" STORM STORM SEWER 05/03/84 84-5-749-B 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NDa0.005	NDa0.005	NDa0.005	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NDa0.20	NDa0.20	0.21	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NDa0.01	NDa0.01	NDa0.01	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NDa0.1	NDa0.1	NDa0.1	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NDa0.03	NDa0.03	NDa0.03	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	0.01	NDa0.01	NDa0.01	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	0.13	0.35	NDa0.05	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	0.006	0.009	NDa0.005	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	0.38	0.74	0.27	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NDa0.0002	NDa0.0002	NDa0.0002	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NDa0.05	NDa0.05	NDa0.05	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NDa0.005	NDa0.005	NDa0.005	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	0.03	0.06	0.01	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	2800	NDa2000	NDa2000	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NDa0.1	0.1	NDa0.1	NA	NA	NA

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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	05/10/84	05/24/84	05/31/84	06/07/84	06/11/84	06/28/84
LABORATORY SAMPLE I.D.	84-5-795-B	84-5-894-B	84-5-920-B	84-6-973-B	84-5-907-2	84-6-1096-B
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						
PARAMETER	UNITS					
ALCOHOLS, ACETATES, ALDEHYDES, KETONES						
ISOPROPANOL	ug/L	NA	NA	NA	NA	NA
ACID EXTRACTABLES						
PHENOL	ug/L	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/L	NA	NA	NA	ND@10	NA
BASE/NEUTRAL EXTRACTABLES						
PCB 1248	ug/L	NA	NA	NA	ND@0.3	NA
PCB 1254	ug/L	NA	NA	NA	ND@0.3	NA
PCB 1260	ug/L	NA	NA	NA	ND@0.3	NA
INDICATOR PARAMETERS						
PH	pH	NA	NA	NA	8.0	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/L	NA	NA	NA	410	NA
TOTAL ORGANIC CARBON	mg/L	NA	NA	NA	ND@1	NA
INORGANICS						
CHLORIDE	mg/L	NA	NA	NA	99	NA
CYANIDE, DISSOLVED	mg/L	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/L	NA	NA	NA	ND@0.02	NA
FLUORIDE	mg/L	NA	NA	NA	0.1	NA
NITRATE	mg/L	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/L	NA	NA	NA	1.98	NA
NITRITE-NITROGEN	mg/L	NA	NA	NA	NA	NA
SULFATE	mg/L	NA	NA	NA	51	NA

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 05/10/84 84-5-795-B 01	42" STORM STORM SEWER 05/24/84 84-5-894-B 01	42" STORM STORM SEWER 05/31/84 84-5-920-B 01	42" STORM STORM SEWER 06/07/84 84-6-973-B 01	42" STORM STORM SEWER 06/11/84 84-5-907-2 01	42" STORM STORM SEWER 06/28/84 84-6-1096-B 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NDa0.005	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NDa0.20	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NDa0.01	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NDa0.1	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NDa0.03	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NDa0.01	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	1.16	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NDa0.005	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	0.69	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NDa0.0002	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NDa0.05	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NDa0.005	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	0.02	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	3400	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NDa0.1	NA

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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	07/05/84	07/12/84	07/19/84	07/26/84	08/02/84	08/09/84
LABORATORY SAMPLE I.D.	84-7-1124-B	84-7-1173-B	84-7-1210-B	84-7-1243-B	84-8-1293-B	84-8-1342-B
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						
PARAMETER	UNITS					
ALCOHOLS, ACETATES, ALDEHYDES, KETONES						
ISOPROPANOL	ug/L	NA	NA	NA	NA	NA
ACID EXTRACTABLES						
PHENOL	ug/L	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/L	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES						
PCB 1248	ug/L	NA	NA	NA	NA	NA
PCB 1254	ug/L	NA	NA	NA	NA	NA
PCB 1260	ug/L	NA	NA	NA	NA	NA
INDICATOR PARAMETERS						
PH	pH	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/L	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/L	NA	NA	NA	NA	NA
INORGANICS						
CHLORIDE	mg/L	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/L	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/L	NA	NA	NA	NA	NA
FLUORIDE	mg/L	NA	NA	NA	NA	NA
NITRATE	mg/L	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/L	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/L	NA	NA	NA	NA	NA
SULFATE	mg/L	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION
 SAMPLE DESCRIPTION
 SAMPLE DATE
 LABORATORY SAMPLE I.D.
 SAMPLE RUN NUMBER
 SAMPLE COMMENT CODES

42" STORM STORM SEWER 07/05/84 84-7-1124-B 01	42" STORM STORM SEWER 07/12/84 84-7-1173-B 01	42" STORM STORM SEWER 07/19/84 84-7-1210-B 01	42" STORM STORM SEWER 07/26/84 84-7-1243-B 01	42" STORM STORM SEWER 08/02/84 84-8-1293-B 01	42" STORM STORM SEWER 08/09/84 84-8-1342-B 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION		42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		08/16/84	08/23/84	08/30/84	09/07/84	09/14/84	09/27/84
LABORATORY SAMPLE I.D.		84-8-1393-B	84-8-1430-B	84-8-1484-B	84-9-1534-B	84-9-1516-2	84-9-1673-B
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
ACID EXTRACTABLES							
PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NDa10	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/l	NA	NA	NA	NA	NDa0.3	NA
PCB 1254	ug/l	NA	NA	NA	NA	NDa0.3	NA
PCB 1260	ug/l	NA	NA	NA	NA	NDa0.3	NA
INDICATOR PARAMETERS							
PH	pH	NA	NA	NA	NA	7.1	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	364	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NDa1	NA
INORGANICS							
CHLORIDE	mg/l	NA	NA	NA	NA	88	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NDa0.02	NA
FLUORIDE	mg/l	NA	NA	NA	NA	0.1	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	2.86	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	58	NA

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 08/16/84 84-8-1393-B 01	42" STORM STORM SEWER 08/23/84 84-8-1430-B 01	42" STORM STORM SEWER 08/30/84 84-8-1484-B 01	42" STORM STORM SEWER 09/07/84 84-9-1534-B 01	42" STORM STORM SEWER 09/14/84 84-9-1516-2 01	42" STORM STORM SEWER 09/27/84 84-9-1673-B 01
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PARAMETER UNITS

METALS

PARAMETER	UNITS	42" STORM STORM SEWER 08/16/84 84-8-1393-B 01	42" STORM STORM SEWER 08/23/84 84-8-1430-B 01	42" STORM STORM SEWER 08/30/84 84-8-1484-B 01	42" STORM STORM SEWER 09/07/84 84-9-1534-B 01	42" STORM STORM SEWER 09/14/84 84-9-1516-2 01	42" STORM STORM SEWER 09/27/84 84-9-1673-B 01
ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/l	NA	NA	NA	NA	ND@0.005	NA
BARIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/l	NA	NA	NA	NA	0.53	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/l	NA	NA	NA	NA	ND@0.01	NA
CHROMIUM, HEXAVALENT	mg/l	NA	NA	NA	NA	ND@0.1	NA
CHROMIUM, TOTAL	mg/l	NA	NA	NA	NA	ND@0.03	NA
COPPER, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/l	NA	NA	NA	NA	0.04	NA
IRON, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/l	NA	NA	NA	NA	0.47	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/l	NA	NA	NA	NA	ND@0.005	NA
MANGANESE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/l	NA	NA	NA	NA	ND@0.05	NA
MERCURY, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/l	NA	NA	NA	NA	ND@0.0002	NA
NICKEL, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/l	NA	NA	NA	NA	ND@0.05	NA
SELENIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/l	NA	NA	NA	NA	ND@0.005	NA
ZINC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/l	NA	NA	NA	NA	0.06	NA

PETROLEUM PRODUCTS

PARAMETER	UNITS	42" STORM STORM SEWER 08/16/84 84-8-1393-B 01	42" STORM STORM SEWER 08/23/84 84-8-1430-B 01	42" STORM STORM SEWER 08/30/84 84-8-1484-B 01	42" STORM STORM SEWER 09/07/84 84-9-1534-B 01	42" STORM STORM SEWER 09/14/84 84-9-1516-2 01	42" STORM STORM SEWER 09/27/84 84-9-1673-B 01
OIL & GREASE	ug/l	NA	NA	NA	NA	ND@2000	NA
TOTAL PETROLEUM HYDROCARBON	mg/l	NA	NA	NA	NA	ND@0.1	NA

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42" STORM

SAMPLE LOCATION		42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		10/04/84	10/11/84	10/18/84	10/25/84	11/12/84	11/21/84
LABORATORY SAMPLE I.D.		84-10-1725-B	84-10-1772-B	84-10-1826-B	84-10-1876-B	84-11-1970-B	84-11-2030-B
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/L	NA	NA	NA	NA	NA	NA
ACID EXTRACTABLES							
PHENOL	ug/L	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/L	NA	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/L	NA	NA	NA	NA	NA	NA
PCB 1254	ug/L	NA	NA	NA	NA	NA	NA
PCB 1260	ug/L	NA	NA	NA	NA	NA	NA
INDICATOR PARAMETERS							
PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/L	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/L	NA	NA	NA	NA	NA	NA
INORGANICS							
CHLORIDE	mg/L	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/L	NA	NA	NA	NA	NA	NA
NITRATE	mg/L	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
SULFATE	mg/L	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION		42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		10/04/84	10/11/84	10/18/84	10/25/84	11/12/84	11/21/84
LABORATORY SAMPLE I.D.		84-10-1725-B	84-10-1772-B	84-10-1826-B	84-10-1876-B	84-11-1970-B	84-11-2030-B
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
METALS							
ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
PETROLEUM PRODUCTS							
OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION		42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		11/29/84	12/06/84	12/13/84	12/20/84	01/03/85	01/04/85
LABORATORY SAMPLE I.D.		84-11-2064-B	84-12-2104-B	84-11-2019-B	84-12-2200-B	84-12-2217-4	85-1-133-B
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
ACID EXTRACTABLES							
PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	10	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/l	NA	NA	NA	NA	NDa0.3	NA
PCB 1254	ug/l	NA	NA	NA	NA	NDa0.3	NA
PCB 1260	ug/l	NA	NA	NA	NA	NDa0.3	NA
INDICATOR PARAMETERS							
PH	pH	NA	NA	NA	NA	7.4	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	1352	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	2	NA
INORGANICS							
CHLORIDE	mg/l	NA	NA	NA	NA	820	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NDa0.02	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	0.1	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	2.12	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	35	NA

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM
STORM SEWER
11/29/84
84-11-2064-B
01

42" STORM
STORM SEWER
12/06/84
84-12-2104-B
01

42" STORM
STORM SEWER
12/13/84
84-11-2019-B
01

42" STORM
STORM SEWER
12/20/84
84-12-2200-B
01

42" STORM
STORM SEWER
01/03/85
84-12-2217-4
01

42" STORM
STORM SEWER
01/04/85
85-1-133-B
01

PARAMETER UNITS

METALS

PARAMETER	UNITS	42" STORM STORM SEWER 11/29/84 84-11-2064-B 01	42" STORM STORM SEWER 12/06/84 84-12-2104-B 01	42" STORM STORM SEWER 12/13/84 84-11-2019-B 01	42" STORM STORM SEWER 12/20/84 84-12-2200-B 01	42" STORM STORM SEWER 01/03/85 84-12-2217-4 01	42" STORM STORM SEWER 01/04/85 85-1-133-B 01
ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NDa0.005	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	0.1	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NDa0.01	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NDa0.1	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NDa0.03	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	0.01	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	0.8	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NDa0.005	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	0.23	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NDa0.0002	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NDa0.05	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NDa0.005	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	0.56	NA

PETROLEUM PRODUCTS

PARAMETER	UNITS	42" STORM STORM SEWER 11/29/84 84-11-2064-B 01	42" STORM STORM SEWER 12/06/84 84-12-2104-B 01	42" STORM STORM SEWER 12/13/84 84-11-2019-B 01	42" STORM STORM SEWER 12/20/84 84-12-2200-B 01	42" STORM STORM SEWER 01/03/85 84-12-2217-4 01	42" STORM STORM SEWER 01/04/85 85-1-133-B 01
OIL & GREASE	ug/L	NA	NA	NA	NA	NDa2000	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	1.5	NA

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42" STORM

SAMPLE LOCATION		42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		01/10/85	01/18/85	01/24/85	01/31/85	02/07/85	02/14/85
LABORATORY SAMPLE I.D.		85-1-163-B	85-1-201-A	85-1-211-A	85-1-272-A	85-2-308-A	85-2-355-B
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
ACID EXTRACTABLES							
PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA
INDICATOR PARAMETERS							
PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA
INORGANICS							
CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 01/10/85 85-1-163-B 01	42" STORM STORM SEWER 01/18/85 85-1-201-A 01	42" STORM STORM SEWER 01/24/85 85-1-211-A 01	42" STORM STORM SEWER 01/31/85 85-1-272-A 01	42" STORM STORM SEWER 02/07/85 85-2-308-A 01	42" STORM STORM SEWER 02/14/85 85-2-355-B 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM REPLICATE
SAMPLE DESCRIPTION							
SAMPLE DATE	02/21/85	02/28/85	03/11/85	05/10/85	06/28/85	06/28/85	06/28/85
LABORATORY SAMPLE I.D.	85-2-405-B	85-2-444-A	85-3-455-3	85-5-855-3	85-6-1216-4	85-6-1216-4	85-6-1216-11
SAMPLE RUN NUMBER	01	01	01	01	01	01	01
SAMPLE COMMENT CODES							

PARAMETER UNITS

ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/L	NA	NA	NA	NA	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/L	NA	NA	NA	NA	ND@10	NA
PHENOLS, TOTAL	ug/L	NA	NA	ND@10	ND@10	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/L	NA	NA	ND@0.3	ND@0.3	NA	NA
PCB 1254	ug/L	NA	NA	ND@0.3	ND@0.3	NA	NA
PCB 1260	ug/L	NA	NA	ND@0.3	ND@0.3	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	6.0	6.7	7.8	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/L	NA	NA	444	446	490	NA
TOTAL ORGANIC CARBON	mg/L	NA	NA	3.7	ND@1	1	NA

INORGANICS

CHLORIDE	mg/L	NA	NA	153	118	NA	NA
CYANIDE, DISSOLVED	mg/L	NA	NA	ND@0.02	ND@0.02	NA	NA
CYANIDE, TOTAL	mg/L	NA	NA	NA	NA	ND@0.02	NA
FLUORIDE	mg/L	NA	NA	0.1	0.1	NA	NA
NITRATE	mg/L	NA	NA	NA	NA	1.91	NA
NITRATE-NITROGEN	mg/L	NA	NA	2.60	1.65	NA	NA
NITRITE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
SULFATE	mg/L	NA	NA	40	52	NA	NA

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 02/21/85 85-2-405-B 01	42" STORM STORM SEWER 02/28/85 85-2-444-A 01	42" STORM STORM SEWER 03/11/85 85-3-455-3 01	42" STORM STORM SEWER 05/10/85 85-5-855-3 01	42" STORM STORM SEWER 06/28/85 85-6-1216-4 01	42" STORM REPLICATE 06/28/85 85-6-1216-11 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	ND@0.005	ND@0.005	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	ND@0.1	0.1	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	ND@0.01	ND@0.01	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	ND@0.1	ND@0.1	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	ND@0.03	ND@0.03	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	ND@0.01	ND@0.01	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	1.29	0.22	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	0.010	ND@0.005	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	0.22	0.28	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	ND@0.0002	ND@0.0002	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	ND@0.05	ND@0.05	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	ND@0.005	ND@0.005	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	0.08	0.47	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	ND@2000	2000	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	0.5	ND@1	ND@1	NA

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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	07/25/85	08/01/85	08/08/85	08/15/85	08/22/85	08/29/85
LABORATORY SAMPLE I.D.	85-7-1359-B	85-7-1402-B	85-8-1441-B	85-8-1494-B	85-8-1533-B	85-8-1566-B
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION
 SAMPLE DESCRIPTION
 SAMPLE DATE
 LABORATORY SAMPLE I.D.
 SAMPLE RUN NUMBER
 SAMPLE COMMENT CODES

42" STORM STORM SEWER 07/25/85 85-7-1359-B 01	42" STORM STORM SEWER 08/01/85 85-7-1402-B 01	42" STORM STORM SEWER 08/08/85 85-8-1441-B 01	42" STORM STORM SEWER 08/15/85 85-8-1494-B 01	42" STORM STORM SEWER 08/22/85 85-8-1533-B 01	42" STORM STORM SEWER 08/29/85 85-8-1566-B 01
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PARAMETER UNITS

METALS

PARAMETER	UNITS	42" STORM STORM SEWER 07/25/85 85-7-1359-B 01	42" STORM STORM SEWER 08/01/85 85-7-1402-B 01	42" STORM STORM SEWER 08/08/85 85-8-1441-B 01	42" STORM STORM SEWER 08/15/85 85-8-1494-B 01	42" STORM STORM SEWER 08/22/85 85-8-1533-B 01	42" STORM STORM SEWER 08/29/85 85-8-1566-B 01
ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

PARAMETER	UNITS	42" STORM STORM SEWER 07/25/85 85-7-1359-B 01	42" STORM STORM SEWER 08/01/85 85-7-1402-B 01	42" STORM STORM SEWER 08/08/85 85-8-1441-B 01	42" STORM STORM SEWER 08/15/85 85-8-1494-B 01	42" STORM STORM SEWER 08/22/85 85-8-1533-B 01	42" STORM STORM SEWER 08/29/85 85-8-1566-B 01
OIL & GREASE	ug/l	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/l	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION		42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		09/06/85	09/12/85	09/19/85	09/26/85	12/13/85	12/20/85
LABORATORY SAMPLE I.D.		85-9-1621-B	85-9-1661-B	85-9-1715-B	85-9-1755-B	85-12-2259-B	85-12-2313-B
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
ACID EXTRACTABLES							
PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA
INDICATOR PARAMETERS							
PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA
INORGANICS							
CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 09/06/85 85-9-1621-B 01	42" STORM STORM SEWER 09/12/85 85-9-1661-B 01	42" STORM STORM SEWER 09/19/85 85-9-1715-B 01	42" STORM STORM SEWER 09/26/85 85-9-1755-B 01	42" STORM STORM SEWER 12/13/85 85-12-2259-B 01	42" STORM STORM SEWER 12/20/85 85-12-2313-B 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/l	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/l	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	12/26/85	01/02/86	01/09/86	01/16/86	01/23/86	01/30/86
LABORATORY SAMPLE I.D.	85-12-2315-B	86-1-100-B	86-1-163-B	86-1-193-B	86-1-238-B	86-1-281-B
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						
PARAMETER	UNITS					
ALCOHOLS, ACETATES, ALDEHYDES, KETONES						
ISOPROPANOL	ug/l	NA	ND@100	ND@50	ND@50	ND@50
ACID EXTRACTABLES						
PHENOL	ug/l	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES						
PCB 1248	ug/l	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA
INDICATOR PARAMETERS						
PH	pH	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA
INORGANICS						
CHLORIDE	mg/l	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 12/26/85 85-12-2315-B 01	42" STORM STORM SEWER 01/02/86 86-1-100-B 01	42" STORM STORM SEWER 01/09/86 86-1-163-B 01	42" STORM STORM SEWER 01/16/86 86-1-193-B 01	42" STORM STORM SEWER 01/23/86 86-1-238-B 01	42" STORM STORM SEWER 01/30/86 86-1-281-B 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/l	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/l	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION		42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		02/06/86	02/14/86	02/20/86	02/27/86	03/07/86	03/14/86
LABORATORY SAMPLE I.D.		86-2-323-B	86-2-394-B	86-2-418-B	86-2-455-B	86-3-502-B	86-3-551-B
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/L	NDa50	NDa50	NDa50	NDa50	NDa50	NDa50
ACID EXTRACTABLES							
PHENOL	ug/L	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/L	NA	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/L	NA	NA	NA	NA	NA	NA
PCB 1254	ug/L	NA	NA	NA	NA	NA	NA
PCB 1260	ug/L	NA	NA	NA	NA	NA	NA
INDICATOR PARAMETERS							
PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/L	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/L	NA	NA	NA	NA	NA	NA
INORGANICS							
CHLORIDE	mg/L	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/L	NA	NA	NA	NA	NA	NA
NITRATE	mg/L	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
SULFATE	mg/L	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	02/06/86	02/14/86	02/20/86	02/27/86	03/07/86	03/14/86
LABORATORY SAMPLE I.D.	86-2-323-B	86-2-394-B	86-2-418-B	86-2-455-B	86-3-502-B	86-3-551-B
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION		42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		03/20/86	03/27/86	03/31/86	07/02/87	07/09/87	07/16/87
LABORATORY SAMPLE I.D.		86-3-610-B	86-3-650-B	86-3-568-I	87-6-2945-B	87-6-3023-B	87-7-3102-B
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/L	ND@50	ND@50	NA	ND@50	ND@50	ND@50
ACID EXTRACTABLES							
PHENOL	ug/L	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/L	NA	NA	ND@10	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/L	NA	NA	NA	NA	NA	NA
PCB 1254	ug/L	NA	NA	NA	NA	NA	NA
PCB 1260	ug/L	NA	NA	NA	NA	NA	NA
INDICATOR PARAMETERS							
PH	pH	NA	NA	7.2	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/L	NA	NA	358	NA	NA	NA
TOTAL ORGANIC CARBON	mg/L	NA	NA	5.8	NA	NA	NA
INORGANICS							
CHLORIDE	mg/L	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/L	NA	NA	ND@0.02	NA	NA	NA
FLUORIDE	mg/L	NA	NA	NA	NA	NA	NA
NITRATE	mg/L	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/L	NA	NA	2.06	NA	NA	NA
NITRITE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
SULFATE	mg/L	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM
STORM SEWER
03/20/86
86-3-610-B
01

42" STORM
STORM SEWER
03/27/86
86-3-650-B
01

42" STORM
STORM SEWER
03/31/86
86-3-568-I
01

42" STORM
STORM SEWER
07/02/87
87-6-2945-B
01

42" STORM
STORM SEWER
07/09/87
87-6-3023-B
01

42" STORM
STORM SEWER
07/16/87
87-7-3102-B
01

PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/l	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/l	NA	NA	NDa1	NA	NA	NA

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42" STORM

SAMPLE LOCATION		42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		07/23/87	07/30/87	08/06/87	08/13/87	08/20/87	08/27/87
LABORATORY SAMPLE I.D.		87-7-3189-B	87-7-3263-B	87-8-3367-B	87-8-3459-B	87-8-3554-B	87-8-3644-B
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/l	NDa50	NDa50	NDa50	NDa50	NDa50	NDa50
ACID EXTRACTABLES							
PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA
INDICATOR PARAMETERS							
PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA
INORGANICS							
CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	07/23/87	07/30/87	08/06/87	08/13/87	08/20/87	08/27/87
LABORATORY SAMPLE I.D.	87-7-3189-B	87-7-3263-B	87-8-3367-B	87-8-3459-B	87-8-3554-B	87-8-3644-B
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION		42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	REPLICATE	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		09/03/87	09/10/87	09/10/87	09/17/87	10/01/87	10/08/87
LABORATORY SAMPLE I.D.		87-9-3744-B	87-9-3861-B	87-9-3861-BD	87-9-3939-B	87-9-4105-B	87-10-4187-B
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/L	ND@50	ND@50	ND@50	ND@50	ND@50	ND@50
ACID EXTRACTABLES							
PHENOL	ug/L	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/L	NA	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/L	NA	NA	NA	NA	NA	NA
PCB 1254	ug/L	NA	NA	NA	NA	NA	NA
PCB 1260	ug/L	NA	NA	NA	NA	NA	NA
INDICATOR PARAMETERS							
PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/L	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/L	NA	NA	NA	NA	NA	NA
INORGANICS							
CHLORIDE	mg/L	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/L	NA	NA	NA	NA	NA	NA
NITRATE	mg/L	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
SULFATE	mg/L	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION
 SAMPLE DESCRIPTION
 SAMPLE DATE
 LABORATORY SAMPLE I.D.
 SAMPLE RUN NUMBER
 SAMPLE COMMENT CODES

42" STORM
 STORM SEWER
 09/03/87
 87-9-3744-B
 01

42" STORM
 STORM SEWER
 09/10/87
 87-9-3861-B
 01

42" STORM
 REPLICATE
 09/10/87
 87-9-3861-BD
 01

42" STORM
 STORM SEWER
 09/17/87
 87-9-3939-B
 01

42" STORM
 STORM SEWER
 10/01/87
 87-9-4105-B
 01

42" STORM
 STORM SEWER
 10/08/87
 87-10-4187-B
 01

PARAMETER UNITS

METALS

PARAMETER	UNITS	42" STORM STORM SEWER 09/03/87 87-9-3744-B 01	42" STORM STORM SEWER 09/10/87 87-9-3861-B 01	42" STORM REPLICATE 09/10/87 87-9-3861-BD 01	42" STORM STORM SEWER 09/17/87 87-9-3939-B 01	42" STORM STORM SEWER 10/01/87 87-9-4105-B 01	42" STORM STORM SEWER 10/08/87 87-10-4187-B 01
ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

PARAMETER	UNITS	42" STORM STORM SEWER 09/03/87 87-9-3744-B 01	42" STORM STORM SEWER 09/10/87 87-9-3861-B 01	42" STORM REPLICATE 09/10/87 87-9-3861-BD 01	42" STORM STORM SEWER 09/17/87 87-9-3939-B 01	42" STORM STORM SEWER 10/01/87 87-9-4105-B 01	42" STORM STORM SEWER 10/08/87 87-10-4187-B 01
OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION		42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		10/15/87	10/22/87	10/29/87	11/05/87	11/12/87	11/19/87
LABORATORY SAMPLE I.D.		87-10-4302-B	87-10-4384-B	87-10-4480-B	87-11-4581-B	87-11-4659-B	87-11-4741-B
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/L	NDa50	NDa50	NDa50	NDa50	NDa50	NDa50
ACID EXTRACTABLES							
PHENOL	ug/L	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/L	NA	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/L	NA	NA	NA	NA	NA	NA
PCB 1254	ug/L	NA	NA	NA	NA	NA	NA
PCB 1260	ug/L	NA	NA	NA	NA	NA	NA
INDICATOR PARAMETERS							
PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/L	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/L	NA	NA	NA	NA	NA	NA
INORGANICS							
CHLORIDE	mg/L	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/L	NA	NA	NA	NA	NA	NA
NITRATE	mg/L	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
SULFATE	mg/L	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 10/15/87 87-10-4302-B 01	42" STORM STORM SEWER 10/22/87 87-10-4384-B 01	42" STORM STORM SEWER 10/29/87 87-10-4480-B 01	42" STORM STORM SEWER 11/05/87 87-11-4581-B 01	42" STORM STORM SEWER 11/12/87 87-11-4659-B 01	42" STORM STORM SEWER 11/19/87 87-11-4741-B 01
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PARAMETER UNITS

METALS

PARAMETER	UNITS	42" STORM STORM SEWER 10/15/87 87-10-4302-B 01	42" STORM STORM SEWER 10/22/87 87-10-4384-B 01	42" STORM STORM SEWER 10/29/87 87-10-4480-B 01	42" STORM STORM SEWER 11/05/87 87-11-4581-B 01	42" STORM STORM SEWER 11/12/87 87-11-4659-B 01	42" STORM STORM SEWER 11/19/87 87-11-4741-B 01
ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

PARAMETER	UNITS	42" STORM STORM SEWER 10/15/87 87-10-4302-B 01	42" STORM STORM SEWER 10/22/87 87-10-4384-B 01	42" STORM STORM SEWER 10/29/87 87-10-4480-B 01	42" STORM STORM SEWER 11/05/87 87-11-4581-B 01	42" STORM STORM SEWER 11/12/87 87-11-4659-B 01	42" STORM STORM SEWER 11/19/87 87-11-4741-B 01
OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	11/25/87	12/03/87	12/10/87	01/07/88	01/14/88	01/21/88	
LABORATORY SAMPLE I.D.	87-11-4828-B	87-12-4914-B	87-12-5024-B	88-1-155-B	88-1-252-B	88-1-346-B	
SAMPLE RUN NUMBER	01	01	01	01	01	01	
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/l	NDa50	NDa50	NDa50	NDa50	NDa50	NDa50
ACID EXTRACTABLES							
PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA
INDICATOR PARAMETERS							
PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA
INORGANICS							
CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 11/25/87 87-11-4828-B 01	42" STORM STORM SEWER 12/03/87 87-12-4914-B 01	42" STORM STORM SEWER 12/10/87 87-12-5024-B 01	42" STORM STORM SEWER 01/07/88 88-1-155-B 01	42" STORM STORM SEWER 01/14/88 88-1-252-B 01	42" STORM STORM SEWER 01/21/88 88-1-346-B 01
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PARAMETER UNITS

METALS

PARAMETER	UNITS	87-11-4828-B	87-12-4914-B	87-12-5024-B	88-1-155-B	88-1-252-B	88-1-346-B
ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

PARAMETER	UNITS	87-11-4828-B	87-12-4914-B	87-12-5024-B	88-1-155-B	88-1-252-B	88-1-346-B
OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION		42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		01/28/88	02/04/88	02/11/88	02/18/88	02/25/88	03/03/88
LABORATORY SAMPLE I.D.		88-1-429-B	88-2-535-B	88-2-632-B	88-2-702-B	88-2-809-B	88-3-910-B
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/L	NDa50	NDa50	NDa50	NDa50	NDa50	NDa50
ACID EXTRACTABLES							
PHENOL	ug/L	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/L	NA	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/L	NA	NA	NA	NA	NA	NA
PCB 1254	ug/L	NA	NA	NA	NA	NA	NA
PCB 1260	ug/L	NA	NA	NA	NA	NA	NA
INDICATOR PARAMETERS							
PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/L	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/L	NA	NA	NA	NA	NA	NA
INORGANICS							
CHLORIDE	mg/L	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/L	NA	NA	NA	NA	NA	NA
NITRATE	mg/L	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
SULFATE	mg/L	NA	NA	NA	NA	NA	NA

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42" STORM

	42" STORM STORM SEWER 01/28/88 88-1-429-B 01	42" STORM STORM SEWER 02/04/88 88-2-535-B 01	42" STORM STORM SEWER 02/11/88 88-2-632-B 01	42" STORM STORM SEWER 02/18/88 88-2-702-B 01	42" STORM STORM SEWER 02/25/88 88-2-809-B 01	42" STORM STORM SEWER 03/03/88 88-3-910-B 01
SAMPLE LOCATION						
SAMPLE DESCRIPTION						
SAMPLE DATE						
LABORATORY SAMPLE I.D.						
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION	42" STORM STORM SEWER 03/10/88 88-3-1030-B 01	42" STORM STORM SEWER 03/24/88 88-3-1246-B 01	42" STORM STORM SEWER 03/31/88 88-3-1340-B 01	42" STORM STORM SEWER 04/07/88 88-4-1464-B 01	42" STORM STORM SEWER 04/13/88 88-4-1615-B 01	42" STORM STORM SEWER 04/21/88 88-4-1725-B 01
SAMPLE DESCRIPTION						
SAMPLE DATE						
LABORATORY SAMPLE I.D.						
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						
PARAMETER	UNITS					
ALCOHOLS, ACETATES, ALDEHYDES, KETONES						
ISOPROPANOL	ug/L	ND@50	ND@50	ND@50	ND@50	ND@50
ACID EXTRACTABLES						
PHENOL	ug/L	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/L	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES						
PCB 1248	ug/L	NA	NA	NA	NA	NA
PCB 1254	ug/L	NA	NA	NA	NA	NA
PCB 1260	ug/L	NA	NA	NA	NA	NA
INDICATOR PARAMETERS						
PH	pH	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/L	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/L	NA	NA	NA	NA	NA
INORGANICS						
CHLORIDE	mg/L	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/L	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/L	NA	NA	NA	NA	NA
FLUORIDE	mg/L	NA	NA	NA	NA	NA
NITRATE	mg/L	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/L	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/L	NA	NA	NA	NA	NA
SULFATE	mg/L	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
SAMPLE DESCRIPTION	03/10/88	03/24/88	03/31/88	04/07/88	04/13/88	04/21/88
SAMPLE DATE	88-3-1030-B	88-3-1246-B	88-3-1340-B	88-4-1464-B	88-4-1615-B	88-4-1725-B
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

METALS

PARAMETER	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

PARAMETER	UNITS	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER	42" STORM STORM SEWER
OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION		42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		04/28/88	05/05/88	05/12/88	05/19/88	05/26/88	06/02/88
LABORATORY SAMPLE I.D.		88-4-1829-B	88-5-1961-B	88-5-2079-B	88-5-2191-B	88-5-2284-B	88-6-2368-B
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/L	NDa50	NDa50	NDa50	NDa50	NDa50	NDa50
ACID EXTRACTABLES							
PHENOL	ug/L	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/L	NA	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/L	NA	NA	NA	NA	NA	NA
PCB 1254	ug/L	NA	NA	NA	NA	NA	NA
PCB 1260	ug/L	NA	NA	NA	NA	NA	NA
INDICATOR PARAMETERS							
PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/L	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/L	NA	NA	NA	NA	NA	NA
INORGANICS							
CHLORIDE	mg/L	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/L	NA	NA	NA	NA	NA	NA
NITRATE	mg/L	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
SULFATE	mg/L	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION		42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		04/28/88	05/05/88	05/12/88	05/19/88	05/26/88	06/02/88
LABORATORY SAMPLE I.D.		88-4-1829-B	88-5-1961-B	88-5-2079-B	88-5-2191-B	88-5-2284-B	88-6-2368-B
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
METALS							
ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
PETROLEUM PRODUCTS							
OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION		42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		06/09/88	06/16/88	06/23/88	06/30/88	07/07/88	07/14/88
LABORATORY SAMPLE I.D.		88-6-2528-B	88-6-2619-B	88-6-2722-B	88-6-2820-B	88-7-2915-B	88-7-3045-B
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/L	NDa50	NDa50	NDa50	NDa50	NDa50	NDa50
ACID EXTRACTABLES							
PHENOL	ug/L	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/L	NA	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/L	NA	NA	NA	NA	NA	NA
PCB 1254	ug/L	NA	NA	NA	NA	NA	NA
PCB 1260	ug/L	NA	NA	NA	NA	NA	NA
INDICATOR PARAMETERS							
PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/L	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/L	NA	NA	NA	NA	NA	NA
INORGANICS							
CHLORIDE	mg/L	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/L	NA	NA	NA	NA	NA	NA
NITRATE	mg/L	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
SULFATE	mg/L	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 06/09/88 88-6-2528-B 01	42" STORM STORM SEWER 06/16/88 88-6-2619-B 01	42" STORM STORM SEWER 06/23/88 88-6-2722-B 01	42" STORM STORM SEWER 06/30/88 88-6-2820-B 01	42" STORM STORM SEWER 07/07/88 88-7-2915-B 01	42" STORM STORM SEWER 07/14/88 88-7-3045-B 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 07/21/88 88-7-3151-B 01	42" STORM STORM SEWER 07/28/88 88-7-3266-B 01	42" STORM STORM SEWER 08/04/88 88-8-3366-B 01	42" STORM STORM SEWER 08/11/88 88-8-3501-B 01	42" STORM STORM SEWER 08/18/88 88-8-3616-B 01	42" STORM STORM SEWER 08/25/88 88-8-3711-B 01
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PARAMETER UNITS

ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/L	NDa50	NDa50	NDa50	NDa50	NDa50	NDa50
-------------	------	-------	-------	-------	-------	-------	-------

ACID EXTRACTABLES

PHENOL	ug/L	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/L	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/L	NA	NA	NA	NA	NA	NA
PCB 1254	ug/L	NA	NA	NA	NA	NA	NA
PCB 1260	ug/L	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/L	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/L	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/L	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/L	NA	NA	NA	NA	NA	NA
NITRATE	mg/L	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
SULFATE	mg/L	NA	NA	NA	NA	NA	NA

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SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	07/21/88	07/28/88	08/04/88	08/11/88	08/18/88	08/25/88
LABORATORY SAMPLE I.D.	88-7-3151-B	88-7-3266-B	88-8-3366-B	88-8-3501-B	88-8-3616-B	88-8-3711-B
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						
PARAMETER	UNITS					
METALS						
ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA
PETROLEUM PRODUCTS						
OIL & GREASE	ug/L	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	09/01/88	09/08/88	09/15/88	09/22/88	09/29/88	10/06/88
LABORATORY SAMPLE I.D.	88-9-3803-B	88-9-3923-B	88-9-4055-B	88-9-4186-B	88-9-4301-B	88-10-4408-B
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NDa50	NDa50	NDa50	NDa50	NDa50	NDa50
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 09/01/88 88-9-3803-B 01	42" STORM STORM SEWER 09/08/88 88-9-3923-B 01	42" STORM STORM SEWER 09/15/88 88-9-4055-B 01	42" STORM STORM SEWER 09/22/88 88-9-4186-B 01	42" STORM STORM SEWER 09/29/88 88-9-4301-B 01	42" STORM STORM SEWER 10/06/88 88-10-4408-B 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	10/13/88	10/20/88	10/27/88	11/03/88	11/10/88	11/17/88
LABORATORY SAMPLE I.D.	88-10-4536-B	88-10-4643-B	88-10-4775-B	88-11-4879-B	88-11-4994-B	88-11-5123-B
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NDa50	NDa50	NDa50	NDa50	NA	NDa50
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	10/13/88	10/20/88	10/27/88	11/03/88	11/10/88	11/17/88
LABORATORY SAMPLE I.D.	88-10-4536-B	88-10-4643-B	88-10-4775-B	88-11-4879-B	88-11-4994-B	88-11-5123-B
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	11/23/88	12/01/88	12/08/88	12/15/88	12/22/88	12/29/88
LABORATORY SAMPLE I.D.	88-11-5219-B	88-12-5309-B	88-12-5431-B	88-12-5535-B	88-12-5684-B	88-12-5735-B
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NDa50	NDa50	NDa50	NDa50	NDa50	NDa50
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION
 SAMPLE DESCRIPTION
 SAMPLE DATE
 LABORATORY SAMPLE I.D.
 SAMPLE RUN NUMBER
 SAMPLE COMMENT CODES

42" STORM STORM SEWER 11/23/88 88-11-5219-B 01	42" STORM STORM SEWER 12/01/88 88-12-5309-B 01	42" STORM STORM SEWER 12/08/88 88-12-5431-B 01	42" STORM STORM SEWER 12/15/88 88-12-5535-B 01	42" STORM STORM SEWER 12/22/88 88-12-5684-B 01	42" STORM STORM SEWER 12/29/88 88-12-5735-B 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	01/05/89	01/12/89	01/19/89	01/26/89	02/02/89	02/09/89
LABORATORY SAMPLE I.D.	89-1-5827-B	89-1-118-B	89-1-236-B	89-1-341-B	89-2-445-B	89-02-565-B
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NDa50	NDa50	NDa50	NDa50	NDa50	NDa50
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 01/05/89 89-1-5827-B 01	42" STORM STORM SEWER 01/12/89 89-1-118-B 01	42" STORM STORM SEWER 01/19/89 89-1-236-B 01	42" STORM STORM SEWER 01/26/89 89-1-341-B 01	42" STORM STORM SEWER 02/02/89 89-2-445-B 01	42" STORM STORM SEWER 02/09/89 89-02-565-B 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	02/16/89	02/23/89	03/02/89	03/16/89	03/23/89	03/30/89
LABORATORY SAMPLE I.D.	89-02-681-B	89-02-759-B	89-3-879-2	89-03-1156-B	89-03-1261-B	89-3-1359-B
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NDa50	NDa50	NDa50	NDa50	NDa50	NDa50
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 02/16/89 89-02-681-B 01	42" STORM STORM SEWER 02/23/89 89-02-759-B 01	42" STORM STORM SEWER 03/02/89 89-3-879-2 01	42" STORM STORM SEWER 03/16/89 89-03-1156-B 01	42" STORM STORM SEWER 03/23/89 89-03-1261-B 01	42" STORM STORM SEWER 03/30/89 89-3-1359-B 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/l	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/l	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION		42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		04/06/89	04/13/89	04/20/89	04/27/89	05/04/89	05/11/89
LABORATORY SAMPLE I.D.		89-4-1486-B	89-4-1597-B	89-4-1738-B	89-4-1845-B	89-5-1978-B	89-5-2093-2
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/l	NDa50	NDa50	NDa50	NDa50	NDa50	NDa50
ACID EXTRACTABLES							
PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA
INDICATOR PARAMETERS							
PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA
INORGANICS							
CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	04/06/89	04/13/89	04/20/89	04/27/89	05/04/89	05/11/89
LABORATORY SAMPLE I.D.	89-4-1486-B	89-4-1597-B	89-4-1738-B	89-4-1845-B	89-5-1978-B	89-5-2093-2
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	05/18/89	05/25/89	06/01/89	06/08/89	06/15/89	06/29/89
LABORATORY SAMPLE I.D.	89-5-2215-B	89-5-2330-B	89-6-2419-B	89-6-2571-2	89-6-2709-B	89-6-2910-2
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						
PARAMETER	UNITS					
ALCOHOLS, ACETATES, ALDEHYDES, KETONES						
ISOPROPANOL	ug/L	NDa50	NDa50	NDa50	NDa50	NA
ACID EXTRACTABLES						
PHENOL	ug/L	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/L	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES						
PCB 1248	ug/L	NA	NA	NA	NA	NA
PCB 1254	ug/L	NA	NA	NA	NA	NA
PCB 1260	ug/L	NA	NA	NA	NA	NA
INDICATOR PARAMETERS						
PH	pH	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/L	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/L	NA	NA	NA	NA	NA
INORGANICS						
CHLORIDE	mg/L	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/L	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/L	NA	NA	NA	NA	NA
FLUORIDE	mg/L	NA	NA	NA	NA	NA
NITRATE	mg/L	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/L	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/L	NA	NA	NA	NA	NA
SULFATE	mg/L	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 05/18/89 89-5-2215-B 01	42" STORM STORM SEWER 05/25/89 89-5-2330-B 01	42" STORM STORM SEWER 06/01/89 89-6-2419-B 01	42" STORM STORM SEWER 06/08/89 89-6-2571-2 01	42" STORM STORM SEWER 06/15/89 89-6-2709-B 01	42" STORM STORM SEWER 06/29/89 89-6-2910-2 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	07/07/89	07/13/89	07/20/89	07/27/89	08/03/89	08/10/89
LABORATORY SAMPLE I.D.	89-7-3024-2	89-7-3151-2	89-7-3267-02	89-7-3387-02	89-8-3517-02	89-8-3660-2
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NDa50	NDa50	NDa50	NDa50	NDa50	NDa50
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 07/07/89 89-7-3024-2 01	42" STORM STORM SEWER 07/13/89 89-7-3151-2 01	42" STORM STORM SEWER 07/20/89 89-7-3267-02 01	42" STORM STORM SEWER 07/27/89 89-7-3387-02 01	42" STORM STORM SEWER 08/03/89 89-8-3517-02 01	42" STORM STORM SEWER 08/10/89 89-8-3660-2 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION		42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		08/17/89	08/24/89	08/31/89	09/07/89	09/14/89	09/21/89
LABORATORY SAMPLE I.D.		89-8-3753-02	89-8-3864-02	89-8-3989-02	89-9-4104-2	89-9-4245-2	89-9-4357-2
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/l	NDa50	NDa50	NDa50	NDa50	NDa50	NDa50
ACID EXTRACTABLES							
PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA
INDICATOR PARAMETERS							
PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA
INORGANICS							
CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 08/17/89 89-8-3753-02 01	42" STORM STORM SEWER 08/24/89 89-8-3864-02 01	42" STORM STORM SEWER 08/31/89 89-8-3989-02 01	42" STORM STORM SEWER 09/07/89 89-9-4104-2 01	42" STORM STORM SEWER 09/14/89 89-9-4245-2 01	42" STORM STORM SEWER 09/21/89 89-9-4357-2 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 09/28/89 89-9-4476-02 01	42" STORM STORM SEWER 10/05/89 89-10-4597-2 01	42" STORM STORM SEWER 10/12/89 89-10-4734-2 01	42" STORM STORM SEWER 10/19/89 89-10-4846-2 01	42" STORM STORM SEWER 10/26/89 89-10-4965-2 01	42" STORM STORM SEWER 11/02/89 89-11-508202 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 09/28/89 89-9-4476-02 01	42" STORM STORM SEWER 10/05/89 89-10-4597-2 01	42" STORM STORM SEWER 10/12/89 89-10-4734-2 01	42" STORM STORM SEWER 10/19/89 89-10-4846-2 01	42" STORM STORM SEWER 10/26/89 89-10-4965-2 01	42" STORM STORM SEWER 11/02/89 89-11-508202 01
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PARAMETER UNITS

ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NDa50	NDa50	NDa50	NDa50	NDa50	NDa50
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	12/28/89	01/04/90	01/11/90	01/18/90	01/25/90	02/08/90
LABORATORY SAMPLE I.D.	89-12-594602	90-1-0048-02	90-1-0179-02	90-1-0277-02	90-1-0388-02	900209G 10
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/L	ND@50	ND@50	ND@50	ND@50	ND@50	NA
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ACID EXTRACTABLES

PHENOL	ug/L	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/L	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/L	NA	NA	NA	NA	NA	NA
PCB 1254	ug/L	NA	NA	NA	NA	NA	NA
PCB 1260	ug/L	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	7.3
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	10
TOTAL DISSOLVED SOLIDS	mg/L	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/L	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/L	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/L	NA	NA	NA	NA	NA	NA
NITRATE	mg/L	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
SULFATE	mg/L	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 12/28/89 89-12-594602 01	42" STORM STORM SEWER 01/04/90 90-1-0048-02 01	42" STORM STORM SEWER 01/11/90 90-1-0179-02 01	42" STORM STORM SEWER 01/18/90 90-1-0277-02 01	42" STORM STORM SEWER 01/25/90 90-1-0388-02 01	42" STORM STORM SEWER 02/08/90 900209G 10 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION		42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		04/12/90	05/10/90	05/24/90	06/15/90	07/13/90	08/09/90
LABORATORY SAMPLE I.D.		900413C 13	900510Q 11	900524N 06	900615A 09	900713Z 09	900809M 08
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/L	ND@1000	ND@1000	ND@1000	ND@1000	NA	NA
ACID EXTRACTABLES							
PHENOL	ug/L	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/L	NA	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/L	NA	NA	NA	NA	NA	NA
PCB 1254	ug/L	NA	NA	NA	NA	NA	NA
PCB 1260	ug/L	NA	NA	NA	NA	NA	NA
INDICATOR PARAMETERS							
PH	pH	7.1	NA	7.3	7.1	7.4	7.3
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	14	19	18	19	21	23
TOTAL DISSOLVED SOLIDS	mg/L	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/L	NA	NA	NA	NA	NA	NA
INORGANICS							
CHLORIDE	mg/L	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/L	NA	NA	NA	NA	NA	NA
NITRATE	mg/L	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
SULFATE	mg/L	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 04/12/90 900413C 13 01	42" STORM STORM SEWER 05/10/90 900510Q 11 01	42" STORM STORM SEWER 05/24/90 900524N 06 01	42" STORM STORM SEWER 06/15/90 900615A 09 01	42" STORM STORM SEWER 07/13/90 900713Z 09 01	42" STORM STORM SEWER 08/09/90 900809M 08 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION		42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		09/13/90	10/11/90	12/13/90	01/10/91	02/02/93	06/25/93
LABORATORY SAMPLE I.D.		900914C 08	901012A 09	901214A 08	910110F 09	120249-03	124998-02
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
ACID EXTRACTABLES							
PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA
INDICATOR PARAMETERS							
PH	pH	6.8	7.4	7.3	6.6	NA	7.9
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	1740
TEMPERATURE	C	18	17	17	10	NA	17.8
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA
INORGANICS							
CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 09/13/90 900914C 08 01	42" STORM STORM SEWER 10/11/90 901012A 09 01	42" STORM STORM SEWER 12/13/90 901214A 08 01	42" STORM STORM SEWER 01/10/91 910110F 09 01	42" STORM STORM SEWER 02/02/93 120249-03 01	42" STORM STORM SEWER 06/25/93 124998-02 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/l	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/l	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION		42" STORM	42" STORM	42" STORM	42" STORM	42" STORM	42" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		07/12/93	07/19/93	07/19/93	07/19/93	07/20/93	07/23/93
LABORATORY SAMPLE I.D.		125517-02	125807-02	125807-15	125807-28	125807-34	125981-39
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
ACID EXTRACTABLES							
PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA
INDICATOR PARAMETERS							
PH	pH	7.8	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	1610	NA	NA	NA	NA	NA
TEMPERATURE	C	18.7	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA
INORGANICS							
CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM STORM SEWER 07/12/93 125517-02 01	42" STORM STORM SEWER 07/19/93 125807-02 01	42" STORM STORM SEWER 07/19/93 125807-15 01	42" STORM STORM SEWER 07/19/93 125807-28 01	42" STORM STORM SEWER 07/20/93 125807-34 01	42" STORM STORM SEWER 07/23/93 125981-39 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/l	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/l	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/l	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/l	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/l	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/l	NA	NA	NA	NA	NA
IRON, TOTAL	mg/l	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/l	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/l	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/l	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/l	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/l	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/l	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/l	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/l	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/l	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/l	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/l	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/l	NA	NA	NA	NA	NA

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42" STORM

SAMPLE LOCATION	42" STORM	42" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER
SAMPLE DATE	08/05/93	08/23/93
LABORATORY SAMPLE I.D.	126491-02	127151-02
SAMPLE RUN NUMBER	01	01
SAMPLE COMMENT CODES		

PARAMETER	UNITS		
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ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA
PCB 1254	ug/l	NA	NA
PCB 1260	ug/l	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA
TEMPERATURE	C	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA
FLUORIDE	mg/l	NA	NA
NITRATE	mg/l	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA
SULFATE	mg/l	NA	NA

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42" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

42" STORM	42" STORM
STORM SEWER	STORM SEWER
08/05/93	08/23/93
126491-02	127151-02
01	01

PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA
BARIUM, TOTAL	mg/L	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA
COPPER, TOTAL	mg/L	NA	NA
IRON, DISSOLVED	mg/L	NA	NA
IRON, TOTAL	mg/L	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA
LEAD, TOTAL	mg/L	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA
MERCURY, TOTAL	mg/L	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA
NICKEL, TOTAL	mg/L	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA
ZINC, TOTAL	mg/L	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	12/16/81	06/21/82	10/04/82	12/08/82	03/17/83	06/29/83
LABORATORY SAMPLE I.D.	81-12-9622-5	82-6-10600-2	82-9-11203TT	82-12-115062	83-3-12030-2	83-6-12512-3
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	ND@4	ND@4	ND@4	ND@4	ND@4	ND@10

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	ND@0.10	ND@0.05	ND@0.3	ND@0.3	ND@0.3
PCB 1254	ug/l	NA	ND@0.10	ND@0.05	ND@0.3	ND@0.3	ND@0.3
PCB 1260	ug/l	NA	ND@0.10	ND@0.05	ND@0.3	ND@0.3	ND@0.3

INDICATOR PARAMETERS

PH	pH	NA	6.90	2.21	7.22	8.06	6.8
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	128	12200	374	268	304
TOTAL ORGANIC CARBON	mg/l	NA	6.00	5550	3.3	3.6	4.9

INORGANICS

CHLORIDE	mg/l	NA	52.8	43.9	88.5	38.7	56
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	ND@0.02	ND@0.02	ND@0.02	ND@0.02	ND@0.05
FLUORIDE	mg/l	NA	0.05	0.25	0.05	0.05	ND@0.2
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	1.34	0.34	4.50	1.0	1.50
SULFATE	mg/l	NA	32	33	54	40	42

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 12/16/81 81-12-9622-5 01	60" STORM STORM SEWER 06/21/82 82-6-10600-2 01	60" STORM STORM SEWER 10/04/82 82-9-11203TT 01	60" STORM STORM SEWER 12/08/82 82-12-115062 01	60" STORM STORM SEWER 03/17/83 83-3-12030-2 01	60" STORM STORM SEWER 06/29/83 83-6-12512-3 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NDa0.003	NDa0.003	NDa0.003	NDa0.003	NDa0.003
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NDa0.09	0.11	NDa0.10	NDa0.10	0.20
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NDa0.01	NDa0.01	NDa0.01	NDa0.01	NDa0.01
CHROMIUM, HEXAVALENT	mg/L	NA	NDa0.03	NDa0.1	NDa0.1	NDa0.1	NDa0.1
CHROMIUM, TOTAL	mg/L	NA	NDa0.03	NDa0.03	NDa0.03	NDa0.03	NDa0.03
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NDa0.01	0.05	0.01	0.01	0.01
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	2.90	7.2	2.4	0.13	0.54
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	0.006	0.005	0.015	NDa0.005	NDa0.005
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	1.02	1.08	0.86	0.10	0.45
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NDa0.0002	NDa0.0002	NDa0.0002	NDa0.0002	NDa0.0002
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NDa0.05	NDa0.05	NDa0.05	NDa0.05	NDa0.05
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NDa0.005	NDa0.005	NDa0.005	NDa0.005	NDa0.005
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	0.10	0.12	0.05	0.18	0.04

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NDa200	3000c	NDa2000	3000	NDa2000
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	1.60	2.4	NDa0.1	0.11	NDa0.1

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	08/12/83	01/05/84	03/20/84	03/22/84	04/26/84	05/03/84
LABORATORY SAMPLE I.D.	83-9-12820-6	84-1-132-3	84-3-478-3	84-3-480-C	84-4-701-C	84-5-749-C
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
ACID EXTRACTABLES							
PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	ND@10	ND@10	10	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/l	ND@0.3	ND@0.3	ND@0.3	NA	NA	NA
PCB 1254	ug/l	ND@0.3	ND@0.3	ND@0.3	NA	NA	NA
PCB 1260	ug/l	ND@0.3	ND@0.3	ND@0.3	NA	NA	NA
INDICATOR PARAMETERS							
PH	pH	6.8	7.2	7.2	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	400	252	408	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	5.2	32	1.3	NA	NA	NA
INORGANICS							
CHLORIDE	mg/l	79.2	72	110	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	ND@0.01	ND@0.02	ND@0.02	NA	NA	NA
FLUORIDE	mg/l	ND@0.1	0.10	0.18	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	1.3	2.20	NA	NA	NA
NITRITE-NITROGEN	mg/l	2.16	NA	NA	NA	NA	NA
SULFATE	mg/l	40	46.5	47.6	NA	NA	NA

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	08/12/83	01/05/84	03/20/84	03/22/84	04/26/84	05/03/84
LABORATORY SAMPLE I.D.	83-9-12820-6	84-1-132-3	84-3-478-3	84-3-480-C	84-4-701-C	84-5-749-C
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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METALS

ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/l	NDa0.005	NDa0.005	NDa0.005	NA	NA	NA
BARIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/l	NDa0.20	NDa0.20	0.38	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/l	NDa0.01	NDa0.01	NDa0.02	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/l	NDa0.1	NDa0.1	NDa0.1	NA	NA	NA
CHROMIUM, TOTAL	mg/l	NDa0.03	NDa0.03	NDa0.03	NA	NA	NA
COPPER, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/l	0.01	0.01	0.04	NA	NA	NA
IRON, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/l	0.31	0.78	0.95	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/l	NDa0.005	0.005	0.005	NA	NA	NA
MANGANESE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/l	0.40	0.72	0.72	NA	NA	NA
MERCURY, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/l	NDa0.0002	NDa0.0002	NDa0.0002	NA	NA	NA
NICKEL, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/l	NDa0.05	NDa0.05	NDa0.05	NA	NA	NA
SELENIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/l	NDa0.005	NDa0.005	NDa0.005	NA	NA	NA
ZINC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/l	0.03	0.07	0.08	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/l	NDa2000	NDa2000	NDa2000	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/l	0.19	0.39	NDa0.1	NA	NA	NA

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60" STORM

SAMPLE LOCATION	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER
SAMPLE DESCRIPTION	05/10/84	05/24/84	05/31/84	06/07/84	06/11/84	06/28/84
SAMPLE DATE	84-5-795-C	84-5-894-C	84-5-920-C	84-6-973-C	84-5-907-3	84-6-1096-C
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	ND@10	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	ND@0.3	NA
PCB 1254	ug/l	NA	NA	NA	NA	ND@0.3	NA
PCB 1260	ug/l	NA	NA	NA	NA	ND@0.3	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	7.1	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	368	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	ND@1	NA

INORGANICS

CHLORIDE	mg/l	NA	NA	NA	NA	87	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	ND@0.02	NA
FLUORIDE	mg/l	NA	NA	NA	NA	0.1	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	1.48	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	41	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 05/10/84 84-5-795-C 01	60" STORM STORM SEWER 05/24/84 84-5-894-C 01	60" STORM STORM SEWER 05/31/84 84-5-920-C 01	60" STORM STORM SEWER 06/07/84 84-6-973-C 01	60" STORM STORM SEWER 06/11/84 84-5-907-3 01	60" STORM STORM SEWER 06/28/84 84-6-1096-C 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NDa0.005	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NDa0.20	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NDa0.01	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NDa0.1	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NDa0.03	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NDa0.01	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	0.71	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	0.006	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	0.21	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NDa0.0002	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NDa0.05	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NDa0.005	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	0.09	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NDa2000	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	0.1	NA

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	07/05/84	07/12/84	07/19/84	07/26/84	08/02/84	08/09/84
LABORATORY SAMPLE I.D.	84-7-1124-C	84-7-1173-C	84-7-1210-C	84-7-1243-C	84-8-1293-C	84-8-1342-C
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 07/05/84 84-7-1124-C 01	60" STORM STORM SEWER 07/12/84 84-7-1173-C 01	60" STORM STORM SEWER 07/19/84 84-7-1210-C 01	60" STORM STORM SEWER 07/26/84 84-7-1243-C 01	60" STORM STORM SEWER 08/02/84 84-8-1293-C 01	60" STORM STORM SEWER 08/09/84 84-8-1342-C 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/l	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/l	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	08/16/84	08/23/84	08/30/84	09/07/84	09/14/84	09/27/84
LABORATORY SAMPLE I.D.	84-8-1393-C	84-8-1430-C	84-8-1484-C	84-9-1534-C	84-9-1516-3	84-9-1673-C
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						
PARAMETER	UNITS					
ALCOHOLS, ACETATES, ALDEHYDES, KETONES						
ISOPROPANOL	ug/l	NA	NA	NA	NA	NA
ACID EXTRACTABLES						
PHENOL	ug/l	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	ND@10	NA
BASE/NEUTRAL EXTRACTABLES						
PCB 1248	ug/l	NA	NA	NA	ND@0.3	NA
PCB 1254	ug/l	NA	NA	NA	ND@0.3	NA
PCB 1260	ug/l	NA	NA	NA	ND@0.3	NA
INDICATOR PARAMETERS						
PH	pH	NA	NA	NA	7.2	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	332	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	1.8	NA
INORGANICS						
CHLORIDE	mg/l	NA	NA	NA	77	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	ND@0.02	NA
FLUORIDE	mg/l	NA	NA	NA	0.1	NA
NITRATE	mg/l	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	1.80	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	42	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 08/16/84 84-8-1393-C 01	60" STORM STORM SEWER 08/23/84 84-8-1430-C 01	60" STORM STORM SEWER 08/30/84 84-8-1484-C 01	60" STORM STORM SEWER 09/07/84 84-9-1534-C 01	60" STORM STORM SEWER 09/14/84 84-9-1516-3 01	60" STORM STORM SEWER 09/27/84 84-9-1673-C 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	ND@0.005	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	ND@0.5	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	ND@0.01	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	ND@0.1	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	ND@0.03	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	0.02	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	0.92	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	ND@0.005	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	0.50	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	ND@0.0002	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	ND@0.05	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	ND@0.005	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	0.08	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	2800	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	ND@0.1	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 10/04/84 84-10-1725-C 01	60" STORM STORM SEWER 10/11/84 84-10-1772-C 01	60" STORM STORM SEWER 10/18/84 84-10-1826-C 01	60" STORM STORM SEWER 10/25/84 84-10-1876-C 01	60" STORM STORM SEWER 11/12/84 84-11-1970-C 01	60" STORM STORM SEWER 11/21/84 84-11-2030-C 01
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PARAMETER UNITS

ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 10/04/84 84-10-1725-C 01	60" STORM STORM SEWER 10/11/84 84-10-1772-C 01	60" STORM STORM SEWER 10/18/84 84-10-1826-C 01	60" STORM STORM SEWER 10/25/84 84-10-1876-C 01	60" STORM STORM SEWER 11/12/84 84-11-1970-C 01	60" STORM STORM SEWER 11/21/84 84-11-2030-C 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	11/29/84	12/06/84	12/13/84	12/20/84	01/03/85	01/04/85
LABORATORY SAMPLE I.D.	84-11-2064-C	84-12-2104-C	84-11-2019-C	84-12-2200-C	84-12-2217-5	85-1-133-C
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/L	NA	NA	NA	NA	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/L	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/L	NA	NA	NA	NA	ND@10	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/L	NA	NA	NA	NA	ND@0.3	NA
PCB 1254	ug/L	NA	NA	NA	NA	ND@0.3	NA
PCB 1260	ug/L	NA	NA	NA	NA	ND@0.3	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	7.9	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/L	NA	NA	NA	NA	214	NA
TOTAL ORGANIC CARBON	mg/L	NA	NA	NA	NA	2	NA

INORGANICS

CHLORIDE	mg/L	NA	NA	NA	NA	42	NA
CYANIDE, DISSOLVED	mg/L	NA	NA	NA	NA	ND@0.02	NA
CYANIDE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/L	NA	NA	NA	NA	0.1	NA
NITRATE	mg/L	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/L	NA	NA	NA	NA	1.50	NA
NITRITE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
SULFATE	mg/L	NA	NA	NA	NA	29	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 11/29/84 84-11-2064-C 01	60" STORM STORM SEWER 12/06/84 84-12-2104-C 01	60" STORM STORM SEWER 12/13/84 84-11-2019-C 01	60" STORM STORM SEWER 12/20/84 84-12-2200-C 01	60" STORM STORM SEWER 01/03/85 84-12-2217-5 01	60" STORM STORM SEWER 01/04/85 85-1-133-C 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NDa0.005
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	0.1
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NDa0.01
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NDa0.1
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NDa0.03
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	0.01
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	1.5
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NDa0.005
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	0.45
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NDa0.0002
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NDa0.05
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NDa0.005
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	0.06

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NDa2000
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	1.2

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	01/10/85	01/18/85	01/24/85	01/31/85	02/07/85	02/14/85
LABORATORY SAMPLE I.D.	85-1-163-C	85-1-201-B	85-1-211-B	85-1-272-B	85-2-308-B	85-2-355-C
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						
PARAMETER	UNITS					
ALCOHOLS, ACETATES, ALDEHYDES, KETONES						
ISOPROPANOL	ug/l	NA	NA	NA	NA	NA
ACID EXTRACTABLES						
PHENOL	ug/l	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES						
PCB 1248	ug/l	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA
INDICATOR PARAMETERS						
PH	pH	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA
INORGANICS						
CHLORIDE	mg/l	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 01/10/85 85-1-163-C 01	60" STORM STORM SEWER 01/18/85 85-1-201-B 01	60" STORM STORM SEWER 01/24/85 85-1-211-B 01	60" STORM STORM SEWER 01/31/85 85-1-272-B 01	60" STORM STORM SEWER 02/07/85 85-2-308-B 01	60" STORM STORM SEWER 02/14/85 85-2-355-C 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	02/21/85	02/28/85	03/11/85	05/10/85	06/28/85	07/25/85
LABORATORY SAMPLE I.D.	85-2-405-C	85-2-444-B	85-3-455-4	85-5-855-4	85-6-1216-5	85-7-1359-C
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						
PARAMETER	UNITS					
ALCOHOLS, ACETATES, ALDEHYDES, KETONES						
ISOPROPANOL	ug/l	NA	NA	NA	NA	NA
ACID EXTRACTABLES						
PHENOL	ug/l	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	ND@10	ND@10	ND@10
BASE/NEUTRAL EXTRACTABLES						
PCB 1248	ug/l	NA	NA	ND@0.3	ND@0.3	NA
PCB 1254	ug/l	NA	NA	ND@0.3	ND@0.3	NA
PCB 1260	ug/l	NA	NA	ND@0.3	ND@0.3	NA
INDICATOR PARAMETERS						
PH	pH	NA	NA	6.9	6.4	8.0
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	220	292	432
TOTAL ORGANIC CARBON	mg/l	NA	NA	6.9	1.0	2
INORGANICS						
CHLORIDE	mg/l	NA	NA	99	68	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	ND@0.02	ND@0.02	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	ND@0.02
FLUORIDE	mg/l	NA	NA	0.1	0.1	NA
NITRATE	mg/l	NA	NA	NA	NA	1.57
NITRATE-NITROGEN	mg/l	NA	NA	0.70	1.49	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	27	39	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 02/21/85 85-2-405-C 01	60" STORM STORM SEWER 02/28/85 85-2-444-B 01	60" STORM STORM SEWER 03/11/85 85-3-455-4 01	60" STORM STORM SEWER 05/10/85 85-5-855-4 01	60" STORM STORM SEWER 06/28/85 85-6-1216-5 01	60" STORM STORM SEWER 07/25/85 85-7-1359-C 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NDa0.005	NDa0.005	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NDa0.1	NDa0.1	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NDa0.01	NDa0.01	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NDa0.1	NDa0.1	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NDa0.03	NDa0.03	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NDa0.01	0.09	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	1.72	7.1	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	0.023	0.017	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	0.21	0.80	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NDa0.0002	NDa0.0002	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NDa0.05	NDa0.05	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NDa0.005	NDa0.005	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	0.09	0.18	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NDa2000	4000	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NDa0.1	NDa1	NDa1	NA

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60" STORM

SAMPLE LOCATION		60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		08/01/85	08/08/85	08/15/85	08/22/85	08/29/85	09/06/85
LABORATORY SAMPLE I.D.		85-7-1402-C	85-8-1441-C	85-8-1494-C	85-8-1533-C	85-8-1566-C	85-9-1621-C
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
ACID EXTRACTABLES							
PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA
INDICATOR PARAMETERS							
PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA
INORGANICS							
CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 08/01/85 85-7-1402-C 01	60" STORM STORM SEWER 08/08/85 85-8-1441-C 01	60" STORM STORM SEWER 08/15/85 85-8-1494-C 01	60" STORM STORM SEWER 08/22/85 85-8-1533-C 01	60" STORM STORM SEWER 08/29/85 85-8-1566-C 01	60" STORM STORM SEWER 09/06/85 85-9-1621-C 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	09/12/85	09/19/85	09/26/85	12/13/85	12/20/85	12/26/85
LABORATORY SAMPLE I.D.	85-9-1661-C	85-9-1715-C	85-9-1755-C	85-12-2259-C	85-12-2313-C	85-12-2315-C
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 09/12/85 85-9-1661-C 01	60" STORM STORM SEWER 09/19/85 85-9-1715-C 01	60" STORM STORM SEWER 09/26/85 85-9-1755-C 01	60" STORM STORM SEWER 12/13/85 85-12-2259-C 01	60" STORM STORM SEWER 12/20/85 85-12-2313-C 01	60" STORM STORM SEWER 12/26/85 85-12-2315-C 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER	60" STORM STORM SEWER
SAMPLE DESCRIPTION	01/02/86	01/09/86	01/16/86	01/23/86	01/30/86	02/06/86
SAMPLE DATE	86-1-100-C	86-1-163-C	86-1-193-C	86-1-238-C	86-1-281-C	86-2-323-C
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 01/02/86 86-1-100-C 01	60" STORM STORM SEWER 01/09/86 86-1-163-C 01	60" STORM STORM SEWER 01/16/86 86-1-193-C 01	60" STORM STORM SEWER 01/23/86 86-1-238-C 01	60" STORM STORM SEWER 01/30/86 86-1-281-C 01	60" STORM STORM SEWER 02/06/86 86-2-323-C 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/l	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/l	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	02/14/86	02/20/86	02/27/86	03/07/86	03/14/86	03/20/86
LABORATORY SAMPLE I.D.	86-2-394-C	86-2-418-C	86-2-455-C	86-3-502-C	86-3-551-C	86-3-610-C
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	02/14/86	02/20/86	02/27/86	03/07/86	03/14/86	03/20/86
LABORATORY SAMPLE I.D.	86-2-394-C	86-2-418-C	86-2-455-C	86-3-502-C	86-3-551-C	86-3-610-C
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	03/27/86	03/31/86	07/02/87	07/09/87	07/16/87	07/23/87
LABORATORY SAMPLE I.D.	86-3-650-C	86-3-568-J	87-6-2945-C	87-6-3023-C	87-7-3102-C	87-7-3189-C
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						
PARAMETER	UNITS					
ALCOHOLS, ACETATES, ALDEHYDES, KETONES						
ISOPROPANOL	ug/L	NA	NA	NA	NA	NA
ACID EXTRACTABLES						
PHENOL	ug/L	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/L	NA	ND@10	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES						
PCB 1248	ug/L	NA	NA	NA	NA	NA
PCB 1254	ug/L	NA	NA	NA	NA	NA
PCB 1260	ug/L	NA	NA	NA	NA	NA
INDICATOR PARAMETERS						
PH	pH	NA	7.7	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/L	NA	296	NA	NA	NA
TOTAL ORGANIC CARBON	mg/L	NA	7.1	NA	NA	NA
INORGANICS						
CHLORIDE	mg/L	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/L	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/L	NA	ND@0.02	NA	NA	NA
FLUORIDE	mg/L	NA	NA	NA	NA	NA
NITRATE	mg/L	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/L	NA	1.76	NA	NA	NA
NITRITE-NITROGEN	mg/L	NA	NA	NA	NA	NA
SULFATE	mg/L	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 03/27/86 86-3-650-C 01	60" STORM STORM SEWER 03/31/86 86-3-568-J 01	60" STORM STORM SEWER 07/02/87 87-6-2945-C 01	60" STORM STORM SEWER 07/09/87 87-6-3023-C 01	60" STORM STORM SEWER 07/16/87 87-7-3102-C 01	60" STORM STORM SEWER 07/23/87 87-7-3189-C 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/l	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/l	NA	NDa1	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	07/30/87	08/06/87	08/13/87	08/20/87	08/27/87	09/03/87
LABORATORY SAMPLE I.D.	87-7-3263-C	87-8-3367-C	87-8-3459-C	87-8-3554-C	87-8-3644-C	87-9-3744-C
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/L	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/L	NA	NA	NA	NA	NA	NA
NITRATE	mg/L	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
SULFATE	mg/L	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	07/30/87	08/06/87	08/13/87	08/20/87	08/27/87	09/03/87
LABORATORY SAMPLE I.D.	87-7-3263-C	87-8-3367-C	87-8-3459-C	87-8-3554-C	87-8-3644-C	87-9-3744-C
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	REPLICATE	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	09/10/87	09/17/87	09/17/87	10/01/87	10/08/87	10/15/87
LABORATORY SAMPLE I.D.	87-9-3861-C	87-9-3939-C	87-9-3939-CD	87-9-4105-C	87-10-4187-C	87-10-4302-C
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						
PARAMETER	UNITS					
ALCOHOLS, ACETATES, ALDEHYDES, KETONES						
ISOPROPANOL	ug/L	NA	NA	NA	NA	NA
ACID EXTRACTABLES						
PHENOL	ug/L	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/L	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES						
PCB 1248	ug/L	NA	NA	NA	NA	NA
PCB 1254	ug/L	NA	NA	NA	NA	NA
PCB 1260	ug/L	NA	NA	NA	NA	NA
INDICATOR PARAMETERS						
PH	pH	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/L	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/L	NA	NA	NA	NA	NA
INORGANICS						
CHLORIDE	mg/L	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/L	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/L	NA	NA	NA	NA	NA
FLUORIDE	mg/L	NA	NA	NA	NA	NA
NITRATE	mg/L	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/L	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/L	NA	NA	NA	NA	NA
SULFATE	mg/L	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 09/10/87 87-9-3861-C 01	60" STORM STORM SEWER 09/17/87 87-9-3939-C 01	60" STORM REPLICATE 09/17/87 87-9-3939-CD 01	60" STORM STORM SEWER 10/01/87 87-9-4105-C 01	60" STORM STORM SEWER 10/08/87 87-10-4187-C 01	60" STORM STORM SEWER 10/15/87 87-10-4302-C 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 10/22/87 87-10-4384-C 01	60" STORM STORM SEWER 10/29/87 87-10-4480-C 01	60" STORM STORM SEWER 11/05/87 87-11-4581-C 01	60" STORM STORM SEWER 11/12/87 87-11-4659-C 01	60" STORM STORM SEWER 11/19/87 87-11-4741-C 01	60" STORM STORM SEWER 11/25/87 87-11-4828-C 01
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PARAMETER UNITS

ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 10/22/87 87-10-4384-C 01	60" STORM STORM SEWER 10/29/87 87-10-4480-C 01	60" STORM STORM SEWER 11/05/87 87-11-4581-C 01	60" STORM STORM SEWER 11/12/87 87-11-4659-C 01	60" STORM STORM SEWER 11/19/87 87-11-4741-C 01	60" STORM STORM SEWER 11/25/87 87-11-4828-C 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/l	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/l	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	12/03/87	12/10/87	01/07/88	01/14/88	01/21/88	01/28/88
LABORATORY SAMPLE I.D.	87-12-4914-C	87-12-5024-C	88-1-155-C	88-1-252-C	88-1-346-C	88-1-429-C
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						
PARAMETER	UNITS					
ALCOHOLS, ACETATES, ALDEHYDES, KETONES						
ISOPROPANOL	ug/l	NA	NA	NA	NA	NA
ACID EXTRACTABLES						
PHENOL	ug/l	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES						
PCB 1248	ug/l	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA
INDICATOR PARAMETERS						
PH	pH	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA
INORGANICS						
CHLORIDE	mg/l	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
 SAMPLE DESCRIPTION
 SAMPLE DATE
 LABORATORY SAMPLE I.D.
 SAMPLE RUN NUMBER
 SAMPLE COMMENT CODES

60" STORM STORM SEWER 12/03/87 87-12-4914-C 01	60" STORM STORM SEWER 12/10/87 87-12-5024-C 01	60" STORM STORM SEWER 01/07/88 88-1-155-C 01	60" STORM STORM SEWER 01/14/88 88-1-252-C 01	60" STORM STORM SEWER 01/21/88 88-1-346-C 01	60" STORM STORM SEWER 01/28/88 88-1-429-C 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/l	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/l	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	02/04/88	02/11/88	02/18/88	02/25/88	03/03/88	03/10/88
LABORATORY SAMPLE I.D.	88-2-535-C	88-2-632-C	88-2-702-C	88-2-809-C	88-3-910-C	88-3-1030-C
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
 SAMPLE DESCRIPTION
 SAMPLE DATE
 LABORATORY SAMPLE I.D.
 SAMPLE RUN NUMBER
 SAMPLE COMMENT CODES

60" STORM STORM SEWER 02/04/88 88-2-535-C 01	60" STORM STORM SEWER 02/11/88 88-2-632-C 01	60" STORM STORM SEWER 02/18/88 88-2-702-C 01	60" STORM STORM SEWER 02/25/88 88-2-809-C 01	60" STORM STORM SEWER 03/03/88 88-3-910-C 01	60" STORM STORM SEWER 03/10/88 88-3-1030-C 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	03/24/88	03/31/88	04/07/88	04/13/88	04/21/88	04/28/88
LABORATORY SAMPLE I.D.	88-3-1246-C	88-3-1340-C	88-4-1464-C	88-4-1615-C	88-4-1725-C	88-4-1829-C
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						
PARAMETER	UNITS					
ALCOHOLS, ACETATES, ALDEHYDES, KETONES						
ISOPROPANOL	ug/l	NA	NA	NA	NA	NA
ACID EXTRACTABLES						
PHENOL	ug/l	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES						
PCB 1248	ug/l	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA
INDICATOR PARAMETERS						
PH	pH	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA
INORGANICS						
CHLORIDE	mg/l	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 03/24/88 88-3-1246-C 01	60" STORM STORM SEWER 03/31/88 88-3-1340-C 01	60" STORM STORM SEWER 04/07/88 88-4-1464-C 01	60" STORM STORM SEWER 04/13/88 88-4-1615-C 01	60" STORM STORM SEWER 04/21/88 88-4-1725-C 01	60" STORM STORM SEWER 04/28/88 88-4-1829-C 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/l	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/l	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION		60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		05/05/88	05/12/88	05/19/88	05/26/88	06/02/88	06/09/88
LABORATORY SAMPLE I.D.		88-5-1961-C	88-5-2079-C	88-5-2191-C	88-5-2284-C	88-6-2368-C	88-6-2528-C
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
ACID EXTRACTABLES							
PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA
INDICATOR PARAMETERS							
PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA
INORGANICS							
CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 05/05/88 88-5-1961-C 01	60" STORM STORM SEWER 05/12/88 88-5-2079-C 01	60" STORM STORM SEWER 05/19/88 88-5-2191-C 01	60" STORM STORM SEWER 05/26/88 88-5-2284-C 01	60" STORM STORM SEWER 06/02/88 88-6-2368-C 01	60" STORM STORM SEWER 06/09/88 88-6-2528-C 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/l	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/l	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION		60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		06/16/88	06/23/88	06/30/88	07/07/88	07/14/88	07/21/88
LABORATORY SAMPLE I.D.		88-6-2619-C	88-6-2722-C	88-6-2820-C	88-7-2915-C	88-7-3045-C	88-7-3151-C
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
ACID EXTRACTABLES							
PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA
INDICATOR PARAMETERS							
PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA
INORGANICS							
CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 06/16/88 88-6-2619-C 01	60" STORM STORM SEWER 06/23/88 88-6-2722-C 01	60" STORM STORM SEWER 06/30/88 88-6-2820-C 01	60" STORM STORM SEWER 07/07/88 88-7-2915-C 01	60" STORM STORM SEWER 07/14/88 88-7-3045-C 01	60" STORM STORM SEWER 07/21/88 88-7-3151-C 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	07/28/88	08/04/88	08/11/88	08/18/88	08/25/88	09/01/88
LABORATORY SAMPLE I.D.	88-7-3266-C	88-8-3366-C	88-8-3501-C	88-8-3616-C	88-8-3711-C	88-9-3803-C
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						
PARAMETER	UNITS					
ALCOHOLS, ACETATES, ALDEHYDES, KETONES						
ISOPROPANOL	ug/l	NA	NA	NA	NA	NA
ACID EXTRACTABLES						
PHENOL	ug/l	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES						
PCB 1248	ug/l	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA
INDICATOR PARAMETERS						
PH	pH	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA
INORGANICS						
CHLORIDE	mg/l	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 07/28/88 88-7-3266-C 01	60" STORM STORM SEWER 08/04/88 88-8-3366-C 01	60" STORM STORM SEWER 08/11/88 88-8-3501-C 01	60" STORM STORM SEWER 08/18/88 88-8-3616-C 01	60" STORM STORM SEWER 08/25/88 88-8-3711-C 01	60" STORM STORM SEWER 09/01/88 88-9-3803-C 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/l	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/l	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 09/08/88 88-9-3923-C 01	60" STORM STORM SEWER 09/15/88 88-9-4055-C 01	60" STORM STORM SEWER 09/22/88 88-9-4186-C 01	60" STORM STORM SEWER 09/29/88 88-9-4301-C 01	60" STORM STORM SEWER 10/06/88 88-10-4408-C 01	60" STORM STORM SEWER 10/13/88 88-10-4536-C 01
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PARAMETER UNITS

ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 09/08/88 88-9-3923-C 01	60" STORM STORM SEWER 09/15/88 88-9-4055-C 01	60" STORM STORM SEWER 09/22/88 88-9-4186-C 01	60" STORM STORM SEWER 09/29/88 88-9-4301-C 01	60" STORM STORM SEWER 10/06/88 88-10-4408-C 01	60" STORM STORM SEWER 10/13/88 88-10-4536-C 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 10/20/88 88-10-4643-C 01	60" STORM STORM SEWER 10/27/88 88-10-4775-C 01	60" STORM STORM SEWER 11/03/88 88-11-4879-C 01	60" STORM STORM SEWER 11/10/88 88-11-4994-C 01	60" STORM STORM SEWER 11/17/88 88-11-5123-C 01	60" STORM STORM SEWER 11/23/88 88-11-5219-C 01
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PARAMETER UNITS

ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 10/20/88 88-10-4643-C 01	60" STORM STORM SEWER 10/27/88 88-10-4775-C 01	60" STORM STORM SEWER 11/03/88 88-11-4879-C 01	60" STORM STORM SEWER 11/10/88 88-11-4994-C 01	60" STORM STORM SEWER 11/17/88 88-11-5123-C 01	60" STORM STORM SEWER 11/23/88 88-11-5219-C 01
--	--	--	--	--	--

PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	12/01/88	12/08/88	12/15/88	12/22/88	12/29/88	01/05/89
LABORATORY SAMPLE I.D.	88-12-5309-C	88-12-5431-C	88-12-5535-C	88-12-5684-C	88-12-5735-C	89-1-5827-C
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	12/01/88	12/08/88	12/15/88	12/22/88	12/29/88	01/05/89
LABORATORY SAMPLE I.D.	88-12-5309-C	88-12-5431-C	88-12-5535-C	88-12-5684-C	88-12-5735-C	89-1-5827-C
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 01/12/89 89-1-118-C 01	60" STORM STORM SEWER 01/19/89 89-1-236-C 01	60" STORM STORM SEWER 01/26/89 89-1-341-C 01	60" STORM STORM SEWER 02/02/89 89-2-445-C 01	60" STORM STORM SEWER 02/09/89 89-02-565-C 01	60" STORM STORM SEWER 02/16/89 89-02-681-C 01
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PARAMETER UNITS

ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 01/12/89 89-1-118-C 01	60" STORM STORM SEWER 01/19/89 89-1-236-C 01	60" STORM STORM SEWER 01/26/89 89-1-341-C 01	60" STORM STORM SEWER 02/02/89 89-2-445-C 01	60" STORM STORM SEWER 02/09/89 89-02-565-C 01	60" STORM STORM SEWER 02/16/89 89-02-681-C 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	02/23/89	03/02/89	03/09/89	03/16/89	03/23/89	03/30/89
LABORATORY SAMPLE I.D.	89-02-759-C	89-3-879-3	89-3-1018-B	89-03-1156-C	89-03-1261-C	89-3-1359-C
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						
PARAMETER	UNITS					
ALCOHOLS, ACETATES, ALDEHYDES, KETONES						
ISOPROPANOL	ug/l	NA	NA	NA	NA	NA
ACID EXTRACTABLES						
PHENOL	ug/l	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES						
PCB 1248	ug/l	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA
INDICATOR PARAMETERS						
PH	pH	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA
INORGANICS						
CHLORIDE	mg/l	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 02/23/89 89-02-759-C 01	60" STORM STORM SEWER 03/02/89 89-3-879-3 01	60" STORM STORM SEWER 03/09/89 89-3-1018-B 01	60" STORM STORM SEWER 03/16/89 89-03-1156-C 01	60" STORM STORM SEWER 03/23/89 89-03-1261-C 01	60" STORM STORM SEWER 03/30/89 89-3-1359-C 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/l	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/l	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 04/06/89 89-4-1486-C 01	60" STORM STORM SEWER 04/13/89 89-4-1597-C 01	60" STORM STORM SEWER 04/20/89 89-4-1738-C 01	60" STORM STORM SEWER 04/27/89 89-4-1845-C 01	60" STORM STORM SEWER 05/04/89 89-5-1978-C 01	60" STORM STORM SEWER 05/11/89 89-5-2093-3 01
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PARAMETER UNITS

ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 04/06/89 89-4-1486-C 01	60" STORM STORM SEWER 04/13/89 89-4-1597-C 01	60" STORM STORM SEWER 04/20/89 89-4-1738-C 01	60" STORM STORM SEWER 04/27/89 89-4-1845-C 01	60" STORM STORM SEWER 05/04/89 89-5-1978-C 01	60" STORM STORM SEWER 05/11/89 89-5-2093-3 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/l	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/l	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	05/18/89	05/25/89	06/01/89	06/08/89	06/15/89	06/29/89
LABORATORY SAMPLE I.D.	89-5-2215-C	89-5-2330-C	89-6-2419-C	89-6-2571-3	89-6-2709-C	89-6-2910-3
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 05/18/89 89-5-2215-C 01	60" STORM STORM SEWER 05/25/89 89-5-2330-C 01	60" STORM STORM SEWER 06/01/89 89-6-2419-C 01	60" STORM STORM SEWER 06/08/89 89-6-2571-3 01	60" STORM STORM SEWER 06/15/89 89-6-2709-C 01	60" STORM STORM SEWER 06/29/89 89-6-2910-3 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 07/07/89 89-7-3024-3 01	60" STORM STORM SEWER 07/13/89 89-7-3151-3 01	60" STORM STORM SEWER 07/20/89 89-7-3267-03 01	60" STORM STORM SEWER 07/27/89 89-7-3387-03 01	60" STORM STORM SEWER 08/03/89 89-8-3517-03 01	60" STORM STORM SEWER 08/10/89 89-8-3660-3 01
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PARAMETER UNITS

ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 07/07/89 89-7-3024-3 01	60" STORM STORM SEWER 07/13/89 89-7-3151-3 01	60" STORM STORM SEWER 07/20/89 89-7-3267-03 01	60" STORM STORM SEWER 07/27/89 89-7-3387-03 01	60" STORM STORM SEWER 08/03/89 89-8-3517-03 01	60" STORM STORM SEWER 08/10/89 89-8-3660-3 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION		60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION		STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE		08/17/89	08/24/89	08/31/89	09/07/89	09/14/89	09/21/89
LABORATORY SAMPLE I.D.		89-8-3753-03	89-8-3864-03	89-8-3989-03	89-9-4104-3	89-9-4245-3	89-9-4357-3
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
ACID EXTRACTABLES							
PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA
INDICATOR PARAMETERS							
PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA
INORGANICS							
CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 08/17/89 89-8-3753-03 01	60" STORM STORM SEWER 08/24/89 89-8-3864-03 01	60" STORM STORM SEWER 08/31/89 89-8-3989-03 01	60" STORM STORM SEWER 09/07/89 89-9-4104-3 01	60" STORM STORM SEWER 09/14/89 89-9-4245-3 01	60" STORM STORM SEWER 09/21/89 89-9-4357-3 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	09/28/89	10/05/89	10/12/89	10/19/89	10/26/89	11/02/89
LABORATORY SAMPLE I.D.	89-9-4476-03	89-10-4597-3	89-10-4734-3	89-10-4846-3	89-10-4965-3	89-11-508203
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 09/28/89 89-9-4476-03 01	60" STORM STORM SEWER 10/05/89 89-10-4597-3 01	60" STORM STORM SEWER 10/12/89 89-10-4734-3 01	60" STORM STORM SEWER 10/19/89 89-10-4846-3 01	60" STORM STORM SEWER 10/26/89 89-10-4965-3 01	60" STORM STORM SEWER 11/02/89 89-11-508203 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	11/09/89	11/16/89	11/22/89	12/07/89	12/14/89	12/21/89
LABORATORY SAMPLE I.D.	89-11-522903	89-11-533303	89-11-544303	89-12-564503	89-12-577703	89-12-588003
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						
PARAMETER	UNITS					
ALCOHOLS, ACETATES, ALDEHYDES, KETONES						
ISOPROPANOL	ug/L	NA	NA	NA	NA	NA
ACID EXTRACTABLES						
PHENOL	ug/L	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/L	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES						
PCB 1248	ug/L	NA	NA	NA	NA	NA
PCB 1254	ug/L	NA	NA	NA	NA	NA
PCB 1260	ug/L	NA	NA	NA	NA	NA
INDICATOR PARAMETERS						
PH	pH	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/L	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/L	NA	NA	NA	NA	NA
INORGANICS						
CHLORIDE	mg/L	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/L	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/L	NA	NA	NA	NA	NA
FLUORIDE	mg/L	NA	NA	NA	NA	NA
NITRATE	mg/L	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/L	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/L	NA	NA	NA	NA	NA
SULFATE	mg/L	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 11/09/89 89-11-522903 01	60" STORM STORM SEWER 11/16/89 89-11-533303 01	60" STORM STORM SEWER 11/22/89 89-11-544303 01	60" STORM STORM SEWER 12/07/89 89-12-564503 01	60" STORM STORM SEWER 12/14/89 89-12-577703 01	60" STORM STORM SEWER 12/21/89 89-12-588003 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/l	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/l	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	12/28/89	01/04/90	01/11/90	01/18/90	01/25/90	02/08/90
LABORATORY SAMPLE I.D.	89-12-594603	90-1-0048-03	90-1-0179-03	90-1-0277-03	90-1-0388-03	900209G 06
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						
PARAMETER	UNITS					
ALCOHOLS, ACETATES, ALDEHYDES, KETONES						
ISOPROPANOL	ug/L	NA	NA	NA	NA	NA
ACID EXTRACTABLES						
PHENOL	ug/L	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/L	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES						
PCB 1248	ug/L	NA	NA	NA	NA	NA
PCB 1254	ug/L	NA	NA	NA	NA	NA
PCB 1260	ug/L	NA	NA	NA	NA	NA
INDICATOR PARAMETERS						
PH	pH	NA	NA	NA	NA	8.1
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	6
TOTAL DISSOLVED SOLIDS	mg/L	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/L	NA	NA	NA	NA	NA
INORGANICS						
CHLORIDE	mg/L	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/L	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/L	NA	NA	NA	NA	NA
FLUORIDE	mg/L	NA	NA	NA	NA	NA
NITRATE	mg/L	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/L	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/L	NA	NA	NA	NA	NA
SULFATE	mg/L	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	12/28/89	01/04/90	01/11/90	01/18/90	01/25/90	02/08/90
LABORATORY SAMPLE I.D.	89-12-594603	90-1-0048-03	90-1-0179-03	90-1-0277-03	90-1-0388-03	9002096 06
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	04/12/90	05/10/90	05/24/90	06/15/90	07/13/90	08/09/90
LABORATORY SAMPLE I.D.	900413C 10	900510Q 12	900524N 07	900615A 10	900713Z 10	900809M 09
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	7.1	NA	7.2	7.1	7.2	7.3
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	13	19	17	20	21	24
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM	60" STORM
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	04/12/90	05/10/90	05/24/90	06/15/90	07/13/90	08/09/90
LABORATORY SAMPLE I.D.	900413C 10	900510Q 12	900524N 07	900615A 10	900713Z 10	900809M 09
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

60" STORM STORM SEWER 09/13/90 900914C 09 01	60" STORM STORM SEWER 10/11/90 901012A 10 01	60" STORM STORM SEWER 12/13/90 901214A 09 01	60" STORM STORM SEWER 01/10/91 910110F 10 01	60" STORM STORM SEWER 02/02/93 120249-01 01	60" STORM STORM SEWER 07/23/93 125981-49 01
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PARAMETER UNITS

ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/L	NA	NA	NA	NA	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/L	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/L	NA	NA	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/L	NA	NA	NA	NA	NA	NA
PCB 1254	ug/L	NA	NA	NA	NA	NA	NA
PCB 1260	ug/L	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	6.6	7.2	7.1	6.9	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	20	19	14	11	NA	NA
TOTAL DISSOLVED SOLIDS	mg/L	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	mg/L	NA	NA	NA	NA	NA	NA

INORGANICS

CHLORIDE	mg/L	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
FLUORIDE	mg/L	NA	NA	NA	NA	NA	NA
NITRATE	mg/L	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
SULFATE	mg/L	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
 SAMPLE DESCRIPTION
 SAMPLE DATE
 LABORATORY SAMPLE I.D.
 SAMPLE RUN NUMBER
 SAMPLE COMMENT CODES

60" STORM STORM SEWER 09/13/90 900914C 09 01	60" STORM STORM SEWER 10/11/90 901012A 10 01	60" STORM STORM SEWER 12/13/90 901214A 09 01	60" STORM STORM SEWER 01/10/91 910110F 10 01	60" STORM STORM SEWER 02/02/93 120249-01 01	60" STORM STORM SEWER 07/23/93 125981-49 01
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PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/l	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/l	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/l	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/l	NA	NA	NA	NA	NA	NA

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60" STORM

SAMPLE LOCATION
 SAMPLE DESCRIPTION
 SAMPLE DATE
 LABORATORY SAMPLE I.D.
 SAMPLE RUN NUMBER
 SAMPLE COMMENT CODES

60" STORM	60" STORM
STORM SEWER	STORM SEWER
08/05/93	08/23/93
126491-47	127151-63
01	01

PARAMETER UNITS

ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/L	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/L	NA	NA
PHENOLS, TOTAL	ug/L	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/L	NA	NA
PCB 1254	ug/L	NA	NA
PCB 1260	ug/L	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA
TEMPERATURE	C	NA	NA
TOTAL DISSOLVED SOLIDS	mg/L	NA	NA
TOTAL ORGANIC CARBON	mg/L	NA	NA

INORGANICS

CHLORIDE	mg/L	NA	NA
CYANIDE, DISSOLVED	mg/L	NA	NA
CYANIDE, TOTAL	mg/L	NA	NA
FLUORIDE	mg/L	NA	NA
NITRATE	mg/L	NA	NA
NITRATE-NITROGEN	mg/L	NA	NA
NITRITE-NITROGEN	mg/L	NA	NA
SULFATE	mg/L	NA	NA

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60" STORM

SAMPLE LOCATION
 SAMPLE DESCRIPTION
 SAMPLE DATE
 LABORATORY SAMPLE I.D.
 SAMPLE RUN NUMBER
 SAMPLE COMMENT CODES

60" STORM	60" STORM
STORM SEWER	STORM SEWER
08/05/93	08/23/93
126491-47	127151-63
01	01

PARAMETER UNITS

METALS

ARSENIC, DISSOLVED	mg/L	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA
BARIUM, TOTAL	mg/L	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA
COPPER, TOTAL	mg/L	NA	NA
IRON, DISSOLVED	mg/L	NA	NA
IRON, TOTAL	mg/L	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA
LEAD, TOTAL	mg/L	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA
MERCURY, TOTAL	mg/L	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA
NICKEL, TOTAL	mg/L	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA
ZINC, TOTAL	mg/L	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	NA

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IWSL COT

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

IWSL COT CATCH BASIN 12/16/81 81-12-9622-6 01	IWSL COT CATCH BASIN 06/21/82 82-6-10600-5 01	IWSL COT CATCH BASIN 12/08/82 82-12-115063 01	IWSL COT CATCH BASIN 03/16/83 83-3-12030-3 01	IWSL COT CATCH BASIN 06/29/83 83-6-12512-9 01	IWSL COT CATCH BASIN 08/12/83 83-9-12820-5 01
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PARAMETER UNITS

ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/L	NA	NA	NA	NA	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/L	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/L	ND@4	ND@4	ND@4	ND@4	ND@10	ND@10

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/L	NA	ND@0.10	ND@0.3	ND@0.3	ND@0.3	ND@0.3
PCB 1254	ug/L	NA	ND@0.10	ND@0.3	ND@0.3	ND@0.3	ND@0.3
PCB 1260	ug/L	NA	ND@0.10	ND@0.3	ND@0.3	ND@0.3	ND@0.3

INDICATOR PARAMETERS

PH	pH	NA	6.70	7.63	6.77	6.7	7.2
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/L	NA	388	354	542	388	436
TOTAL ORGANIC CARBON	mg/L	NA	3.00	4	3.2	4.5	5.1

INORGANICS

CHLORIDE	mg/L	NA	89.50	93.2	126	81	150
CYANIDE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/L	ND@0.02	ND@0.02	ND@0.02	ND@0.02	ND@0.05	ND@0.01
FLUORIDE	mg/L	NA	0.18	0.04	0.20	0.2	0.19
NITRATE	mg/L	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/L	NA	NA	NA	NA	NA	NA
NITRITE-NITROGEN	mg/L	NA	3.50	1.56	4.3	2.10	2.22
SULFATE	mg/L	NA	56	58	85	48	57

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IWSL COT

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

IWSL COT CATCH BASIN 12/16/81 81-12-9622-6 01	IWSL COT CATCH BASIN 06/21/82 82-6-10600-5 01	IWSL COT CATCH BASIN 12/08/82 82-12-115063 01	IWSL COT CATCH BASIN 03/16/83 83-3-12030-3 01	IWSL COT CATCH BASIN 06/29/83 83-6-12512-9 01	IWSL COT CATCH BASIN 08/12/83 83-9-12820-5 01
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PARAMETER UNITS

METALS

PARAMETER	UNITS	IWSL COT CATCH BASIN 12/16/81 81-12-9622-6 01	IWSL COT CATCH BASIN 06/21/82 82-6-10600-5 01	IWSL COT CATCH BASIN 12/08/82 82-12-115063 01	IWSL COT CATCH BASIN 03/16/83 83-3-12030-3 01	IWSL COT CATCH BASIN 06/29/83 83-6-12512-9 01	IWSL COT CATCH BASIN 08/12/83 83-9-12820-5 01
ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NDa0.003	NDa0.003	NDa0.003	NDa0.003	NDa0.003	NDa0.005
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	0.09	NDa0.10	NDa0.10	0.20	NDa0.20
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NDa0.01	NDa0.01	NDa0.01	NDa0.01	NDa0.01	NDa0.01
CHROMIUM, HEXAVALENT	mg/L	NDa0.03	NDa0.03	NDa0.1	NDa0.1	NDa0.1	NDa0.1
CHROMIUM, TOTAL	mg/L	0.03	NDa0.03	NDa0.03	0.05	NDa0.03	NDa0.03
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	0.04	NDa0.01	0.01	0.01	NDa0.01	0.02
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	0.89	0.14	0.21	0.25	0.08
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NDa0.005	0.005	0.022	0.011	0.005	NDa0.005
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	0.10	0.22	0.42	0.05	0.10
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NDa0.0002	NDa0.0002	NDa0.0002	NDa0.0002	NDa0.0002
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NDa0.05	NDa0.05	NDa0.05	NDa0.05	NDa0.05	NDa0.05
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NDa0.010	NDa0.005	NDa0.005	NDa0.005	NDa0.005	NDa0.005
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	0.08	0.04	0.01	0.09	0.01	0.08

PETROLEUM PRODUCTS

PARAMETER	UNITS	IWSL COT CATCH BASIN 12/16/81 81-12-9622-6 01	IWSL COT CATCH BASIN 06/21/82 82-6-10600-5 01	IWSL COT CATCH BASIN 12/08/82 82-12-115063 01	IWSL COT CATCH BASIN 03/16/83 83-3-12030-3 01	IWSL COT CATCH BASIN 06/29/83 83-6-12512-9 01	IWSL COT CATCH BASIN 08/12/83 83-9-12820-5 01
OIL & GREASE	ug/L	NA	NDa200	NDa2000	5000	NDa2000	4200
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	1.70	0.8	0.22	NDa0.1	0.1

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IWSL COT

SAMPLE LOCATION		IWSL COT	IWSL COT	IWSL COT	IWSL COT	IWSL COT	IWSL COT
SAMPLE DESCRIPTION		CATCH BASIN	CATCH BASIN	CATCH BASIN	CATCH BASIN	CATCH BASIN	CATCH BASIN
SAMPLE DATE		01/05/84	03/20/84	06/11/84	09/14/84	01/03/85	06/28/85
LABORATORY SAMPLE I.D.		84-1-132-10	84-3-478-9	84-5-907-9	84-9-1516-9	84-12-2217-2	85-6-1216-2
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
ACID EXTRACTABLES							
PHENOL	ug/l	NA	NA	NA	NA	NA	ND@10
PHENOLS, TOTAL	ug/l	ND@10	10	ND@10	ND@10	ND@10	NA
BASE/NEUTRAL EXTRACTABLES							
PCB 1248	ug/l	ND@0.3	ND@0.3	ND@0.3	ND@0.3	ND@0.3	NA
PCB 1254	ug/l	ND@0.3	ND@0.3	ND@0.3	ND@0.3	ND@0.3	NA
PCB 1260	ug/l	ND@0.3	ND@0.3	ND@0.3	ND@0.3	ND@0.3	NA
INDICATOR PARAMETERS							
PH	pH	7.2	7.1	6.7	7.5	8.0	7.5
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	390	406	510	458	414	364
TOTAL ORGANIC CARBON	mg/l	ND@1	ND@1	ND@1	1.6	1	3.5
INORGANICS							
CHLORIDE	mg/l	85	110	136	154	108	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	ND@0.02	NA
CYANIDE, TOTAL	mg/l	ND@0.02	ND@0.02	ND@0.02	ND@0.02	NA	ND@0.02
FLUORIDE	mg/l	0.11	0.23	0.2	0.2	0.2	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	2.21
NITRATE-NITROGEN	mg/l	1.1	3.14	2.41	2.78	3.86	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	53.8	67.2	40	46	54	NA

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IWSL COT

SAMPLE LOCATION	IWSL COT	IWSL COT	IWSL COT	IWSL COT	IWSL COT	IWSL COT
SAMPLE DESCRIPTION	CATCH BASIN	CATCH BASIN	CATCH BASIN	CATCH BASIN	CATCH BASIN	CATCH BASIN
SAMPLE DATE	01/05/84	03/20/84	06/11/84	09/14/84	01/03/85	06/28/85
LABORATORY SAMPLE I.D.	84-1-132-10	84-3-478-9	84-5-907-9	84-9-1516-9	84-12-2217-2	85-6-1216-2
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NDa0.005	NDa0.005	NDa0.005	NDa0.005	NDa0.005	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NDa0.20	0.29	NDa0.20	0.07	0.1	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NDa0.01	NDa0.01	NDa0.01	NDa0.01	NDa0.01	NA
CHROMIUM, HEXAVALENT	mg/L	NDa0.1	NDa0.1	NDa0.1	NDa0.1	NDa0.1	NA
CHROMIUM, TOTAL	mg/L	NDa0.03	NDa0.03	NDa0.03	NDa0.03	NDa0.03	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NDa0.01	NDa0.01	NDa0.01	NDa0.01	0.01	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NDa0.03	0.51	0.26	0.1	0.1	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NDa0.005	NDa0.005	NDa0.005	NDa0.005	0.09	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	0.31	0.31	0.16	0.11	0.13	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NDa0.0002	NDa0.0002	NDa0.0002	0.0003	NDa0.0002	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NDa0.05	NDa0.05	NDa0.05	NDa0.05	NDa0.05	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NDa0.005	NDa0.005	NDa0.005	NDa0.005	NDa0.005	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	0.04	0.09	0.05	0.02	0.01	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	2200	NDa2000	3400	2800	2200	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NDa0.1	NDa0.1	NDa0.1	NDa0.1	0.2	NDa1

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IWSL COT

SAMPLE LOCATION	IWSL COT REPLICATE	IWSL COT CATCH BASIN	IWSL COT CATCH BASIN	IWSL COT STORM SEWER	IWSL COT STORM SEWER	IWSL COT STORM SEWER
SAMPLE DESCRIPTION	06/28/85	03/31/86	06/25/86	07/23/93	08/05/93	08/23/93
SAMPLE DATE	85-6-1216-14	86-3-568-G	86-6-1184-G	125981-50	126491-48	127151-64
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER UNITS

ALCOHOLS, ACETATES, ALDEHYDES, KETONES

ISOPROPANOL	ug/l	NA	NA	NA	NA	NA	NA
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ACID EXTRACTABLES

PHENOL	ug/l	NA	NA	NA	NA	NA	NA
PHENOLS, TOTAL	ug/l	NA	ND@10	ND@10	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES

PCB 1248	ug/l	NA	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA	NA

INDICATOR PARAMETERS

PH	pH	NA	7.7	7.4	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	340	860	784	NA	NA	NA
TOTAL ORGANIC CARBON	mg/l	NA	5.8	4.9	NA	NA	NA

INORGANICS

CHLORIDE	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, DISSOLVED	mg/l	NA	NA	NA	NA	NA	NA
CYANIDE, TOTAL	mg/l	NA	ND@0.02	ND@0.02	NA	NA	NA
FLUORIDE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE	mg/l	NA	NA	NA	NA	NA	NA
NITRATE-NITROGEN	mg/l	NA	4.81	2.94	NA	NA	NA
NITRITE-NITROGEN	mg/l	NA	NA	NA	NA	NA	NA
SULFATE	mg/l	NA	NA	NA	NA	NA	NA

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IWSL COT

SAMPLE LOCATION	IWSL COT REPLICATE	IWSL COT CATCH BASIN	IWSL COT CATCH BASIN	IWSL COT STORM SEWER	IWSL COT STORM SEWER	IWSL COT STORM SEWER
SAMPLE DESCRIPTION	06/28/85	03/31/86	06/25/86	07/23/93	08/05/93	08/23/93
SAMPLE DATE	85-6-1216-14	86-3-568-G	86-6-1184-G	125981-50	126491-48	127151-64
LABORATORY SAMPLE I.D.	01	01	01	01	01	01
SAMPLE RUN NUMBER						
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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METALS

ARSENIC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ARSENIC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
BARIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
CADMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, HEXAVALENT	mg/L	NA	NA	NA	NA	NA	NA
CHROMIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
COPPER, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
COPPER, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
IRON, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
IRON, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
LEAD, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MANGANESE, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
MERCURY, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
NICKEL, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
SELENIUM, TOTAL	mg/L	NA	NA	NA	NA	NA	NA
ZINC, DISSOLVED	mg/L	NA	NA	NA	NA	NA	NA
ZINC, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

PETROLEUM PRODUCTS

OIL & GREASE	ug/L	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBON	mg/L	NA	ND@1	ND@1	NA	NA	NA

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EXPLANATION OF REPORTING CONVENTIONS AND KEY TO COMMENT CODES

REPORTING CONVENTIONS

NA Not Analyzed
ND@X Not Detected at Detection Limit X
BMRL@X Below Minimum Reporting Limit of X

CODE EXPLANATION

^ Non-Standard Measurement Unit
c Sample contained sediment which may have contributed to reported results
d 24 Hour Composite Sample
B Organic analyte detected in both the sample and the laboratory blank
D Compounds identified at a secondary dilution factor
E Concentration exceeds the calibration range of the GC/MS instrument
J Estimated Value
N Spiked sample recovery not within control limits
P Lower of 2 GC column concentrations that have more than 25% difference
R Reported value is less than the CRDL but greater than the IDL
S Surrogate recoveries exceed acceptable control limits
W Post digestion spike FAA out of control limits; sample absorbance < 50%

APPENDIX C
Monitoring Well Logs

Soil Augering Log				Boring No. MW-165S		TOC Elev. 181.53'			
Client: IBM Mid-Hudson Valley, Kingston Site				Location 120' SE of MW-166S		Page 1 of 2			
Project No. 92041.04									
Depth Feet	Blow Counts	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Volatiles Scan*	Well Construction Graphic	Depth Feet	Well Construction Details
0	Ground Surface							0	4" Locking steel cap w/2" expansion plug 4" protective steel casing Concrete pad, 24"x24"
2	HAND AUGERED			SAND: well graded, m-f w/silt, occ. fine SA-SR pebbles, loose, moist to dry, dark yellow brown.	SW			2	
4				SAND: well graded, med., little silt, tr fine SA-SR pebbles, loose, moist, med. brown.				4	Bentonite chips
6				SAND: well graded, f-med., tr silt, very loose, dark yellow brown. : organic-rich lamination at 5.5'.				6	2" Sch 40 PVC riser 8" HSA boring
8	5-6-6-6	1	14"	SAND: poorly graded, fine, trace silt, organic zones, loose, moist, dark yellow brown (lower 2" saturated).	SP	0		8	2" Sch 40 10-slot PVC screen (8.0'-18.0')
10	6-3-4-3	2	22"	SAND: poorly graded, fine, trace silt, organic zones upper 15", some br-gray-brown laminations, loose, saturated, dark yellow brown.		0		10	
12	1/12"-2-2	3	22"	SAND: poorly graded, fine, trace silt, organic zones, brown-gray brown laminations, increase in med. sand lower 9", loose, saturated, dark yellow brown.		0		12	No. 00 sand
14	2-3-3-3	4	22"	SAND: well graded, f-med. little to tr silt zone, loose, saturated, dark yel. brown, silt zones are dark yellow orange.	SW	0		14	
16	WOR-WOH-2-2	5	24"	SAND: well graded, f-med., tr silt, rootlet at 18", loose, saturated, dark yellow brown.		0		16	
18	1-3-4-3	6	24"	SAND: well graded, f-m, little to trace silt, occ. silt and organic lamination 20-22", loose, saturated, light to med. yellow brown.		0		18	Bentonite chips
20	4-7-8-10	7	24"	SAND: well graded, f-m, lit silt, loose, saturated, dk yel br (18-18.25'). SILT: tr clay, little vf sand, stiff, varved, saturated, brown gray w/lt red to lt brown gray laminae.	ML	0	20	Collapsed formation	

Driller: SoilTesting, Inc. Logged by: S. Fisher, GSC Drilling Started: 6-3-93 Drilling Completed: 6-3-93 Well Construction: 6-3-93 Well Developed: 6-7-93 Well Coords.: N716704.12 E591174.59	Notes: * FID Hand augered to 6.0'. Water level at 10.0' at .5 hours after drilling completed. WOR = Weight of Rod WOH = Weight of Hammer	GROUNDWATER SCIENCES CORPORATION Geologic Log: MW-165S
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Soil Augering Log					Boring No. MW-165S		TOC Elev. 181.53'		
Client: IBM Mid-Hudson Valley, Kingston Site Project No. 92041.04					Location 120' SE of MW-166S		Page 2 of 2		
Depth Feet	Blow Counts	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Volatiles Scan * (ppm)	Well Construction Graphic	Depth Feet	Well Construction Details
22	1-4-12-18	8	11"	SILTY SAND: very fine sand, slightly plastic, soft to very stiff, saturated, brown gray to med. dark gray.	SM-ML	0		22	Collapsed formation 2" diameter split-spoon hole
24	5-4-4-4	9	9"	SILTY SAND: very fine sand, silt laminations 4-6", mod. plastic, firm, saturated, brown gray to med. dark gray.		0		24	
26				Total Depth: 24'.0				26	
28								28	
30								30	
32								32	
34								34	
36								36	
38								38	
40								40	
42								42	

		<p align="center">GROUNDWATER SCIENCES CORPORATION</p> <p align="center">Geologic Log: MW-165S</p>	
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Soil Augering Log					Boring No. MW-166S		TOC Elev. 180.45'		
Client: IBM Mid-Hudson Valley, Kingston Site Project No. 92041.04					Location 150' SE of MW-8S		Page 1 of 1		
Depth Feet	Blow Counts	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Volatile Scan* (ppm)	Well Construction Graphic	Depth Feet	Well Construction Details
0				Ground Surface				0	
2				SAND: well graded, vf-m, tr fine SA-SR pebbles, roots, loose, moist, dark yellow brown.	SW			2	
4				SAND: well graded, f-m, occ. pebble, loose, moist, med. brown.				4	
6				(4.5-5') SILT: roots, loose, moist, yellow brown. (5-6') SAND: well graded, f-m, lit-tr silt, loose, moist.	ML			6	
8				LAYERED SILT & SAND: SAND: well graded, f-m, loose, moist, mottl. yel br-lt gray; SILT: tr vf sand, organics, dense, moist, mottl dk brown-black, brown-black.	SW and ML			8	
10				SAND: well graded, f-m, trace silt, loose, saturated, dark yellow brown to gray brown.	SW			10	
12				SAND: well graded, f-m, trace silt, loose, saturated, increased vf sand near 12', dark yellow brown.				12	
14				SAND: well graded, f-med., trace silt, loose, saturated, dark yellow brown.				14	
16				SAND: well graded, f-m, trace silt, organic laminations (17-19"), loose, saturated, lt. brown to yellow brown.				16	
18				Total Depth: 17.0'					18
20								20	

Driller: SoilTesting, Inc. Logged by: S. Fisher, GSC Drilling Started: 6-8-93 Drilling Completed: 6-8-93 Well Construction: 6-8-93 Well Developed: 6-17-93 Well Coords.: N716773.19 E591086.36	Notes: * FID Located 3' southwest of MW-166M. Log for MW-166M used for descriptions.	GROUNDWATER SCIENCES CORPORATION Geologic Log: MW-166S
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Soil Augering Log					Boring No. MW-166M		TOC Elev. 180.18'			
Client: IBM Mid-Hudson Valley, Kingston Site Project No. 92041.04					Location 150' SE of MW-8S		Page 1 of 2			
Depth Feet	Blow Counts	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Volatile Scan* (ppm)	Well Construction Graphic	Depth Feet	Well Construction Details	
0	Ground Surface							0		
2	HAND AUGERED			Grass and roots, 0-6". SAND: well graded, vf-med., tr fine subangular-subround pebbles, roots, loose, moist, dark yellow brown.	SW			2		
4				SAND: well graded, f-med., occ. pebble, loose, moist, med. brown.				4		
6				(4.5-5') SILT: with rootlets, loose, moist, yellow brown. (5-6') SAND: well graded, f-med., lit to tr silt, loose, moist.		ML			6	
8	5-3-5-6	1	24"	LAYERED SAND & SILT: SAND: well graded, f-med., loose, moist, mottled yellow brown to light gray; SILT: tr very fine sand, organics, dense, moist, mottled, dark brown to black.	SW and ML	0			8	
10	7-7-5-6	2	24"	SAND: well graded, med. and fine, tr silt, loose, saturated, dark yellow brown to gray brown.		0			10	
12	1-4-5-7	3	16"	SAND: well graded, med. and fine, tr silt, loose, saturated, increased very fine sand near 12', dark yellow br.		0			12	
14	7-6-5-5	4	24"	SAND: well graded, f-med., tr silt, loose, saturated, dark yellow brown.		0			14	
16	2-2-3-5	5	24"	SAND: well graded, f-med., tr silt, organic laminations (17-19"), loose, saturated, lt. brown to yellow brown.	SW	0			16	
18	4-5-6-7	6	24"	SAND: well graded, f-med., silt and organic laminations, loose, saturated, dark yellow brown.		0			18	
20	2-5-5-7	7	24"	SAND: well graded, f-med. little silt, increased silt with depth, loose, saturated, dark yellow brown and med. to light brown.	NR			20		

Driller: SoilTesting, Inc. Logged by: S. Fisher, GSC Drilling Started: 6-3-93 Drilling Completed: 6-4-93 Well Construction: 6-4-93 Well Developed: 6-8-93 Well Coords.: N716774.31 E591089.30	Notes: * FID Hand augered to 6.0'. NR = No Reading Water level at 8.6' on 6-4-93.	GROUNDWATER SCIENCES CORPORATION Geologic Log: MW-166M
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Depth Feet	Blow Counts	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Volatile Scan * (ppm)	Well Construction Graphic	Depth Feet	Well Construction Details
22	2-4-7-12	8	24"	SAND: well graded, f-med., little silt, loose, saturated, light brown yellowish brown.	SW	0		22	
24	4-1-2-4	9	6"	(21.75') SILT: vf sand, varved w/pale red laminae, saturated, brown gray. SAND: poorly graded, very fine to fine, some silt, occ. organics, loose, saturated, brown gray to yellow brown.	ML	0		24	
26	4-2-3-5	10	24"	SAND: well graded, f-med., trace silt, occ. organics, loose, saturated, dark yellow brown.		0		26	
28	2-3-12-15	11	24"	SAND: well graded, f-med., little silt, loose, saturated (very fine to fine sand below 18").		0		28	
30	(washed out) 1-4-9-15	12	18"	SAND: well graded, f-med., occ. silt zone, loose, saturated, dark yellow brown to olive gray.	SW	0		30	
32	1-1-1-8	13	9"	SAND: well graded, f-med., some silt, loose, saturated, dark yellow brown to brown gray.		0		32	
34	6-5-6-10	14	24"	SAND: well graded, f-m, some silt, occ. silt lam. below 6", sl cohes., dk yel br-dk gray. SILT: tr vf sand layers, tr clay, v cohesive, dense, saturated, brown gray with pale red laminations.	ML	0		34	
36	7-9-12-17	15	24"	SAND: well graded, f-m, lit silt, SA-SR pebble at 5", loose, saturated, dk gray. SILTY SAND: vf sand & silt, tr clay, pale red vert. lam's. (9-16"), horiz. varves below 16", dense, saturated, br. gray.	SW SM-ML	0		36	
38				Total Depth: 36.0'				38	
40								40	
42							42		

**GROUNDWATER SCIENCES
CORPORATION**

Geologic Log: MW-166M

Soil Augering Log					Boring No. MW-167S		TOC Elev. 181.38'		
Client: IBM Mid-Hudson Valley, Kingston Site Project No. 92041.04					Location 150' NW of MW-8S		Page 1 of 1		
Depth Feet	Blow Counts	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Volatile Scan** (ppm)	Well Construction Graphic	Depth Feet	Well Construction Details
0				Ground Surface				0	4" Locking steel cap w/2" expansion plug 4" protective steel casing
2				SAND: f-m, w/silt, roots, occ. fine pebble, loose, sl. moist, dk. yel. br. SAND: poorly graded, f-m, tr SA-SR pebbles, v. loose, moist, med. brown.	SM SP			2	Concrete pad, 24"x24"
4				SAND: well graded, f-m, some c-vc (3-3'), little silt, loose, moist, dark yellow brown.				4	Bentonite chips
6				SAND: well graded, f-m, lit silt, occ. f SA-SR, pebble, loose, moist, dk. yel. brown, change to lt. brown at 5.25', and pale yellow below 5.75'.	SW			6	2" Sch 40 PVC riser
8	4-4-3-4	1	18"	SAND: poorly graded, f-m, tr silt, occ. organics, loose, moist, mottled dark yellow brown to med. yellow brown.				8	8" HSA boring
10	5-3-3-5	2	15"	SAND: poorly graded, f-m, tr silt and peat, saturated, dark yellow brown to gray brown, silt layer at 8'10"-9'1".	SP			10	2" Sch 40 10-slot PVC screen (6.0'-16.0')
12	1-1-1-1	3	14"	LAYERED SAND & SILT: SAND: well graded, f-m, w/organics, loose, saturated, dk. yel. br.; SILT: (4-7"): varved, stiff, saturated, med. yel. br., lower 7" of sand vf-f, lit med. sand.	SW- ML			12	
14	2-2-4-6	4	18"	SAND: well graded, vf-m, little silt, loose, saturated, dk. yel. to dusky yel. br., (lt brown at 14"), trace organics at base, fining downward.				14	No. 00 sand
16	3-1-1-6	5	18"	SAND: well graded, vf-m, little silt, increased fining with depth, loose, saturated, br.-gray to med. dk. gray.	SW			16	
18	4-4-3-4	6	15"	SILT: plastic, tr clay, v. fine sand, tr organics, varved, dense, saturated, brown gray with pale red laminations.	ML			18	Collapsed formation
20				Total Depth: 18.0'			20		

Driller: SoilTesting, Inc. Logged by: S. Fisher, GSC Drilling Started: 6-4-93 Drilling Completed: 6-4-93 Well Construction: 6-4-93 Well Developed: 6-7-93 Well Coords.: N716974.84 E590842.00	Notes: * FID Hand augered to 6.0'. Water Level at 9.7' on 6-4-93.	GROUNDWATER SCIENCES CORPORATION Geologic Log: MW-167S
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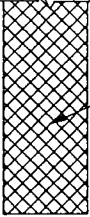
Depth Feet	Blow Counts	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Volatile Scan * (ppm)	Well Construction Graphic	Depth Feet	Well Construction Details
0	Ground Surface							0	4" Locking steel cap w/2" expansion plug 4" protective steel casing
2	HAND AUGERED			SILTY SAND: f-m, roots, loose, moist, dark yellow brown. SAND: well graded, vf-med., occ. SA-SR pebble, loose, moist, med. brown.	SM			2	Concrete pad, 6'x24" (connected to pad at MW-168M)
4				SAND: poorly graded, f-med., loose, soft, moist, brown.	SW			4	Bentonite chips
6				SAND: poorly graded, f-med., loose, moist, yellow brown to light gray.	SP			6	2" Sch 40 PVC riser
8	7-6-6-6	1	15"	SAND: well graded, f-med., tr silt, occ. organics, mottled, loose, dark yellow brown.		NR		8	8" HSA boring
10	4-4-5-5	2	10"	SAND: well graded, vf-med., little silt, loose, firm, saturated, yellow brown.	SW	NR		10	2" Sch 40 10-slot PVC screen (9.0'-19.0')
12	1-1-3-2	3	18"	SAND: well graded, f-med., little silt, silt laminations 13-14", fining with depth, occ. organic laminae, loose, saturated, dark yellow brown.		NR		12	
14	2-1-5-8	4	24"	SILTY SAND: vf-f, tr med. silt laminations & vf-f silty sand laminations, dense, saturated, yellow brown to br. gray, laminations br gray & pale red.		NR		14	No. 00 sand
16	1-1-3-2	5	18"	SILTY SAND: vf-f, little med. sand, silt laminations, occ. organics, very loose, saturated, dark yellow brown.		NR		16	
18	3-3-4-7	6	22"	Same as above.	SM	NR		18	
20	1-1-2-2	7	16"	SILTY SAND: very fine, little fine sand, occ. organics, dense, saturated, color change at 18.75' from yellow brown-med. brown to brown gray-dark gray. Red varves from 7"-8".		NR		20	Collapsed formation

Driller: SoilTesting, Inc.
 Logged by: S. Fisher, GSC
 Drilling Started: 6-7-93
 Drilling Completed: 6-7-93
 Well Construction: 6-7-93
 Well Developed: 6-7-93
 Well Coords.: N717083.89
 E590742.47

Notes:
 * FID
 Hand augered to 6.0'.
 NR = No Reading

**GROUNDWATER SCIENCES
CORPORATION**

Geologic Log: MW-168S

Soil Augering Log					Boring No. MW-168S		TOC Elev. 180.86'		
Client: IBM Mid-Hudson Valley, Kingston Site					Location 150' NW of MW-167S		Page 2 of 2		
Depth Feet	Blow Counts	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Volatiles Scan* (ppm)	Well Construction Graphic	Depth Feet	Well Construction Details
22	4-3-3-4	8	18"	SILTY SAND: vf-f, slightly plastic, occ. organics, organic zone 11-13', laminated br gray to pale red silt at bottom, dense, saturated, dark gray to dark gray brown.	SM	NR		22	Collapsed formation
24	3-3-3-5	9	14"	SILTY SAND: vf-f, slightly plastic, occ. organics, dense, saturated, color laminated dark gray to brown gray.		NR		24	
26				Total Depth: 24.0'				26	
28								28	
30								30	
32								32	
34								34	
36								36	
38								38	
40								40	
42								42	

<p style="text-align: right;">GROUNDWATER SCIENCES CORPORATION</p> <p style="text-align: right;">Geologic Log: MW-168S</p>	
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Soil Augering Log					Boring No. MW-168M		TOC Elev. 180.61'		
Client: IBM Mid-Hudson Valley, Kingston Site Project No. 92041.04					Location 150' NW of MW-167S		Page 1 of 2		
Depth Feet	Blow Counts	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Volatile Scan** (ppm)	Well Construction Graphic	Depth Feet	Well Construction Details
0				Ground Surface				0	4" Locking steel cap w/ 2" expansion plug 4" protective steel casing
2	HAND AUGERED			SILTY SAND: f-m, roots, loose, moist, dark yellow brown. SAND: well graded, vf-med., occ. SA-SR pebble, loose, moist, med. brown.	SM			2	Concrete pad, 6'x24" (connected to pad at MW-168S)
4				SAND: poorly graded, f-med., loose, soft, moist, brown.	SW			4	No. 00 sand
6				SAND: poorly graded, f-med., loose, moist, yellow brown to light gray.	SP			6	2" Sch 40 PVC riser
8			SAND: well graded, f-med., tr silt, occ. organics, mottled, loose, dark yellow brown.	SW		8		8" HSA boring	
10			SAND: well graded, vf-med., little silt, loose, firm, saturated, yellow brown.		10				
12			SAND: well graded, f-med., little silt, silt laminations 13-14", fining with depth, occ. organic laminae, loose, saturated, dark yellow brown.		12				
14			SILTY SAND: vf-f, tr med. silt laminations & vf-f silty sand laminations, dense, saturated, yellow brown to br. gray, laminations br gray & pale red.	SM		14		Bentonite chips	
16			SILTY SAND: vf-f, little med. sand, silt laminations, occ. organics, very loose, saturated, dark yellow brown.		16				
18			Same as above.		18				
20			SILTY SAND: very fine, little fine sand, occ. organics, dense, saturated, color change at 18.75' from yellow brown-med. brown to brown gray-dark gray. Red varves from 7'-8'.			20			

Driller: SoilTesting, Inc. Logged by: S. Fisher, GSC Drilling Started: 6-8-93 Drilling Completed: 6-8-93 Well Construction: 6-8-93 Well Developed: 6-17-93 Well Coords.: N717086.20 E590740.76	Notes: * FID Upper 24 feet described from MW-168S well log. NR = No Reading	GROUNDWATER SCIENCES CORPORATION Geologic Log: MW-168M
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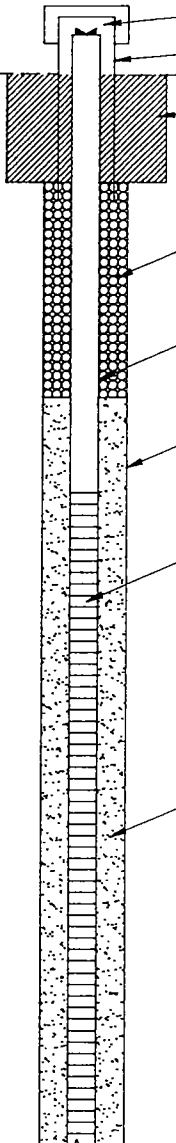
Soil Augering Log					Boring No. MW-168M		TOC Elev. 180.61'		
Client: IBM Mid-Hudson Valley, Kingston Site					Location 150' NW of MW-167S		Page 2 of 2		
Project No. 92041.04									
Depth Feet	Blow Counts	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Volatile Scan * (ppm)	Well Construction Graphic	Depth Feet	Well Construction Details
22				SILTY SAND: vf-f, slightly plastic, occ. organics, organic zone 11-13", laminated br gray to pale red silt at bottom, dense, saturated, dark gray to dark gray brown.	SM			22	
24				SILTY SAND: vf-f, slightly plastic, occ. organics, dense, saturated, color laminated dark gray to brown gray.	SM			24	Bentonite chips
26	3-3-2-1	1m	20"	SILTY SAND: v-f, some layering, compact, saturated, med. dk. gray to dark gray.	ML	NR		26	2" Sch 40 PVC riser
28	4-5-4-3	2m	16"	SILT: tr clay, plastic, varved pale red laminae, dense, saturated, brown gray.	SM	NR		28	8" HSA boring
30	2-1-3-4	3m	18"	SILTY SAND: very fine, slightly plastic, loose, saturated.	ML	NR		30	2" Sch 40 10-slot PVC screen (27.0'-32.0')
32	2-1-4-4	4m	22"	SILT: trace clay, trace very fine sand, plastic, dense, saturated, varved brown gray and pale red.	ML-SM	NR	32	No. 00 sand	
Total Depth: 32.0'									
34								34	
36								36	
38								38	
40								40	
42								42	

GROUNDWATER SCIENCES CORPORATION

Geologic Log: MW-168M

Soil Augering Log
Client: IBM Mid-Hudson Valley, Kingston Site
Project No. 92041.04

Boring No. MW-169S TOC Elev. 180.08'
Location Approx. 150' N of MW-168S Page 1 of 2

Depth Feet	Blow Counts	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Volatiles Scan* (ppm)	Well Construction Graphic	Depth Feet	Well Construction Details
0	Ground Surface							0	4" Locking steel cap w/2" expansion plug 4" protective steel casing Concrete pad, 24"x24"
2				SILTY SAND: vf-med., tr c sand, roots, occ. subang-subround pebble, moist.	SM			2	
4	HAND AUGERED			SAND: well graded, f-med, tr silt, occ. SA-SR pebble, loose, moist, yel. br. : increased moisture at 4', med. gray color 4-4.5'. : organic rich layer at 5.5'.				4	Bentonite chips 2" Sch 40 PVC riser
6								6	
8	5-4-6-6	1	17"	SAND: well graded, vf-fine, some silt, occ. organics, silt laminae at 13", loose, moist, mottled dark yellow br. and med. gray.		NR		8	6" HSA boring
10	5-4-3-2	2	18"	SAND: well graded, vf-fine, some silt (silt layer 6-8"), loose, saturated, dark yellow brown.		NR		10	2" Sch 40 10-slot PVC screen (8.0'-28.0')
12	1/12"-1-1	3	20"	SAND: well graded, f-med., little silt (laminations), loose, saturated, dark yellow brown.		NR		12	
14	1/12"-1-1	4	15"	SAND: well graded, f-med, tr to little silt, very loose, saturated, dark yellow brown.	SW	NR		14	No. 00 sand
16	1-2-2-3	5	16"	SAND: well graded, f-med., silt and coarse sand laminations, loose, saturated, dark yellow brown.		NR		16	
18	4-3-4-6	6	24"	SAND: well graded, f-med., occ. silt zones, coarsening below 12", loose, saturated, dark-med. yellow brown.		NR		18	
20	2-3-4-9	7	24"	SAND: well graded, f-med., tr to little silt, loose, saturated, dark yellow br. (Increased silt over lower 5").		NR		20	

Driller: SoilTesting, Inc.
Logged by: S. Fisher, GSC
Drilling Started: 6-7-93
Drilling Completed: 6-7-93
Well Construction: 6-7-93
Well Developed: 6-8-93
Well Coords.: N717201.73
E590738.57

Notes:
* FID
Hand augered to 6.0'.
Running sand: 22', 24', 26'.
NR = No Reading
Water level at 9.0' on 6-7-93.

GROUNDWATER SCIENCES
CORPORATION

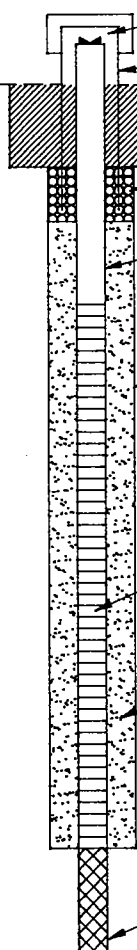
Geologic Log: MW-169S

Soil Augering Log					Boring No. MW-169S		TOC Elev. 180.08'		
Client: IBM Mid-Hudson Valley, Kingston Site					Location Approx. 150' N of MW-168S		Page 2 of 2		
Project No. 92041.04									
Depth Feet	Blow Counts	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Volatile Scan* (ppm)	Well Construction Graphic	Depth Feet	Well Construction Details
22	2-3-5-13	8	24"	SAND: well graded, f-med., little silt (masses), loose, saturated, dark yellow brown (increased silt over lower 5").	SW	NR		22	2" Sch 40 10-slot PVC screen (8.0'-28.0') 8" HSA boring No. 00 sand
24	2-3-3-7	9	24"	SAND: well graded, f-med, tr-little silt, thin silt laminae lower 2", loose, saturated, dk. yel. br change to dk. gray below 18", silt laminae brown gray.		NR		24	
26	1-3-4-11	10	10"	SAND: well graded, very fine to fine, some silt, silt laminae 1", 2-3" and 9", compact, saturated, dark gray.		NR		26	
28	8-8-9-9	11	10"	SAND: well graded, very fine to fine, little silt, increasing silt in lower 6", stiff, dense, saturated, dark gray.		NR		28	
30	4-3-4-6	12	18"	SILT: trace clay, occasional very fine sand zone (3-5", 16-18"), plastic, dense, varved, brown gray-pale red.	ML	NR		30	
Total Depth: 30.0'								32	
34								34	
36								36	
38								38	
40								40	
42								42	

**GROUNDWATER SCIENCES
CORPORATION**

Geologic Log: MW-169S

Soil Augering Log		Boring No. MW-170S	TOC Elev. 174.36'
Client: IBM Mid-Hudson Valley, Kingston Site		Location N of helipad, N Parking Lot	
Project No. 93021		Page 1 of 1	

Depth Feet	Blow Counts	FID (ppm)	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Well Construction Graphic	Depth Feet	Well Construction Details
0	Ground Surface							0	4" Locking Royer cap w/2" expansion plug
2	HAND AUGERED				Grass and soil w/roots, 0-4". SAND: mod br to dk yel br, f-c S, some vf S, lit-some vc S, lit f gravel, tr m gravel, SA-SR, dry, v hard & sl indurated, crumbly, well graded; gravelly f-c SA-SR below 2.5' (limestone).	FILL		2	4" protective steel casing
4					BOULDER/COBBLE: at 3', brown siltstone. GRAVEL: below 3', w/sand & silt, moist,,loose.			4	Concrete pad
6	AUGERED				BOULDER: 4'-7', brown siltstone.	BOULDER		6	Bentonite chips
8	1-8	0 4 0	1	7"	SAND: dk yel br, f-m, tr c, some silt, tr siltstone frags, poorly graded, sl cohesive. PEAT: 3-6", dk brown, moist, roots and stalks visible w/organic silt. SAND: bottom 1", f-m, silty, tr organics, moist to wet, poorly graded, olive gray.	SP-PT		8	2" Sch 40 PVC riser
10	9-13-15-12	0	2	10"	SAND: olive gray, f-m, lit c sand, grad. changing color to dk yel brown and incr. silt content, tr vf sand, loose, wet, poorly graded to well graded, tr dark organic laminae in lower 4". : increase in c sand, v wet, well graded.	SM-SW		10	8" HSA bore hole
12	3-4-4-6	0	3	7"				12	2" Sch 40 10-slot PVC screen (4.0'-14.0')
14	5-4-4-6	0	4	16"	SAND: f-m, some vf S & silt, lit c S, var. color dk-mod yel br/yel org, loose, wet; SAND & GRAVEL: 7-8" vf-vc, f G, loose, wet. SILT: 8-9", pale yel br w/pale red lam., tr organic fibers, wet, plastic. SAND: 9-11", c-vc, some m, lit vf-f, tr silt, loose, wet, poorly graded.	SW-SP		14	No. 00 sand
16	3-3-3-3	0	5	11"	SILT: br-gray, varved, tr clay, tr organic fibers, dense, sl plastic, wet, sharp top contact. : more plastic, dense, varved, wet.	MH		16	Collapsed/swelled formation
					Total Depth: 16.0'.				18
18								20	

Driller: SoilTesting, Inc. Logged by: S. Fisher, GSC Drilling Started: 9-3-93 Drilling Completed: 9-3-93 Well Construction: 9-3-93 Well Developed: 9-14-93 Well Coords.: N719338.456 E591334.557	Notes: Hand augered to 3.0'. Original ground surface at 7.5'. SWL 8.62' (9/14/93, 13:04; from TOC).	GROUNDWATER SCIENCES CORPORATION Geologic Log: MW-170S
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Depth Feet	Blow Counts	FID (ppm)	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Well Construction Graphic	Depth Feet	Well Construction Details
0	Ground Surface							0	Asphalt
2					Asphalt pavement 0-2"; gravel base to 6". SILTY SAND & GRAVEL: dark brown, moist, loose (FILL). COBBLE at 2".			2	Backfilled w/bentonite slurry
4					Pred. SILT & vf-vc SAND below 3', tr gravel; gravelly/cobbly below 3.5', moist below 4'.	FILL		4	Bentonite chips
6								6	2" Sch 40 PVC riser
8	2-2-2-7	1.0	1	17"	SAND: f-c, dk-dusky yel br, some vf S w/ silt, tr R f G, freq. rootlets, decayed leaves & twigs, dkr color, sl more silt 4-5", 8-10" and below 14", plant frag at 14", lt gray silt lams 3-3.5", moist, loose & crumbly.	SW SW-OL		8	8" HSA bore hole
10	4-2-2-3	0	2	6"	: dusky yellow brown, tr organic fragments, turning wet, large rock fragments 4-5", wet at bottom (9").			10	2" Sch 40 10- slot PVC screen (7.0'-17.0')
12	2-2-2-2	0	3	15"	SAND: m-c some f, lit vf, tr silt, loose, saturated, running sand grains composed of quartz & various rock types & colors, pred. brownish-gray to olive gray, poorly graded, homogeneous texture.	SW		12	No. 00 sand
14	1-6-4-8	0.8 0	4	19"	: SAA top 7", tr dk br organic masses, organic lamination at 6", wet. SAND: vf, tr f S, lit silt, brownish gray, wet, more dense organic matter at top contact, sharp top contact, poorly graded, 1/4" gray silt layer at top.	SP		14	
16	4-4-5-8	0	5	15"	: coarsening to f-vf sand w/silt, wet, co- hesive, sl more brownish gray. : fining to vf sand and silt at 7", more dense & cohesive, wet, brownish gray, organic fragments throughout.			16	
18	7-10-7-7	0 0	6	13"	: SAA top 10", grading into unit below, poorly graded. SILT: varved, brownish gray w/pale red lamination, plastic, dense, cohesive, wet, tr vf sand, tr clay.	SP-SM MH		18	
					Total Depth: 18.0'.			20	

Driller: SoilTesting, Inc.
Logged by: S. Fisher, GSC
Drilling Started: 9-16-93
Drilling Completed: 9-16-93
Well Construction: 9-16-93
Well Abandoned: 9-17-93
Well Coords.: N ~ 719131
E ~ 591624

Notes:
Hand augered to 6.0'.
Original ground surface at 6.0'.
Well abandoned; replacement well
(MW-171SA) drilled 7' south.
Sample no. 3 includes organic carbon
and physical sedimentary analysis.
SWL ~ 5.5' (9/17/93; from grade).

**GROUNDWATER SCIENCES
CORPORATION**

Geologic Log: MW-171S

Depth Feet	Blow Counts	FD (ppm)	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Well Construction Graphic	Depth Feet	Well Construction Details
0					Ground Surface			0	9" flush-mount manhole w/2" water-tight sealing cap
2					Asphalt pavement 0-2"; gravel base to 6". SILTY SAND & GRAVEL: dark brown, moist, loose (FILL). COBBLE at 2'.			2	Concrete Bentonite chips
4					Pred. SILT & vf-vc SAND below 3', tr gravel; gravelly/cobbly below 3.5', moist below 4'.	FILL		4	2" Sch 40 PVC riser
6								6	8" HSA bore hole
8					SAND: f-c, dk-dusky yel br, some vf S w/ silt, tr R f G, freq. rootlets, decayed leaves & twigs, dkr color, sl more silt 4-5", 8-10" and below 14", plant frag at 14", lt gray silt lams 3-3.5", moist, loose & crumbly. : dusky yellow brown, tr organic fragments, turning wet, large rock fragments 4-5", wet at bottom (9').	SW SW-OL		8	2" Sch 40 10-slot PVC screen (4.0'-14.0')
10					SAND: m-c some f, lit vf, tr silt, loose, saturated, running sand grains composed of quartz & various rock types & colors, pred. brownish-gray to olive gray, poorly graded, homogeneous texture. : SAA top 7", tr dk br organic masses, organic lamination at 6", wet.	SW		10	No. 00 sand
12					SAND: vf, tr f S, lit silt, brownish gray, wet, more dense organic matter at top contact, sharp top contact, poorly graded, 1/4" gray silt layer at top. : coarsening to f-vf sand w/silt, wet, cohesive, sl more brownish gray.	SP		12	
14					: fining to vf sand and silt at 7", more dense & cohesive, wet, brownish gray, organic fragments throughout.			14	
16					: SAA top 10", grading into unit below, poorly graded.	SP-SM		16	
18					SILT: varved, brownish gray w/pale red laminations, plastic, dense, cohesive, wet, tr vf sand, tr clay.	MH		18	
20								20	

Driller: SoilTesting, Inc.
 Logged by: S. Fisher, GSC
 Drilling Started: 9-17-93
 Drilling Completed: 9-17-93
 Well Construction: 9-17-93
 Well Developed: 9-23-93
 Well Coords.: N719124.269
 E591624.639

Notes:
 Hand augered to 6.0'. Power augered to 15' (Total Depth).
 Log descriptions from boring MW-171S, located 7' north of MW-171SA.
 SWL 5.7' (9/17/93, 08:15; from grade).

GROUNDWATER SCIENCES CORPORATION

Geologic Log: MW-171SA

Depth Feet	Blow Counts	FD (ppm)	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Well Construction Graphic	Depth Feet	Well Construction Details
0	Ground Surface							0	9" flush-mount manhole w/2" water-tight sealing cap
2					Asphalt pavement.			2	Concrete
4					SILT, SAND & GRAVEL: loose, crumbly, f-m SA-SR gravel, some water running into hole from gravel fill just below asphalt at 4".	FILL		4	Bentonite chips
6					SAND: f-m w/vf sand and silt, dusky yellow brown w/frequent roots, leaf frags and decayed twigs, moist, crumbly.			6	2" Sch 40 PVC riser
8	5-7-8-9	1.8	1	19"	SAND: dk yel br to dusky yel br, f-m S & silt some vf S, freq. org. frags, silt is v dk & org., moist, crumbly, well graded, grades to pred. lt ol-gray to ol-gray c S & med S, some-lit f-vf S, tr silt, qtz S grains, tr f SR G, rootlets at 14" & 18", S looks homogeneous, poorly graded, moist to wet.	SM-OL		8	8" HSA bore hole
10	6-6-6-5	0.2	2	13"	SAND: dk-m yel br, vf-f sand, some dk yel org. w/silt, faint horiz. lamination, poorly graded, wet, sl. cohesive, color banded, m yel br silt layer at 8.5" to 10.5", dense sl plastic, moist to wet.	SW-SP		10	2" Sch 40 10-slot PVC screen (4.0'-14.0')
12	4-4-4-4	0	3	12"	: homogeneous, slight tint of gray, lower 2" saturated.			12	No. 00 sand
14	2-2-3-3	0	4	12"	: slightly more dk yel brown, tr med sand, saturated, mod yellow brown lower 3".	SP		14	
16	4-4-6-6	0	5	19"	: SAA top 2". SAND: brownish gray (5YR4/1) vf sand w/ silt, cohesive, dense, wet, poorly graded, homogeneous appearance, no laminations.			16	Bentonite chips
18	9-10-10-7	0	6	17"	: SAA, w/occ. pale red silt laminations, sl increase in interstitial silt.	SP-SM		18	
20	1-2-2-3	0	7	11"	SILT: varved, brownish gray w/pale red lam-inations, tr vf sand, dense, plastic, wet.	MH		20	Collapsed/swelled formation

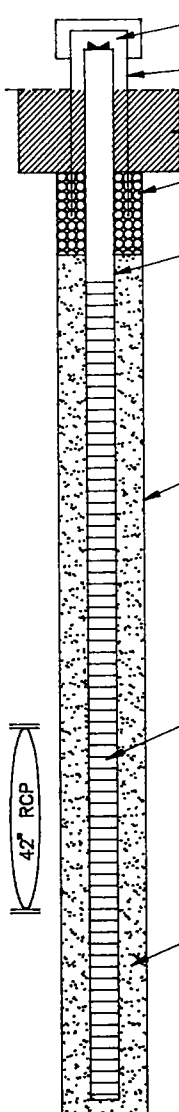
Total Depth: 20.0'.

Driller: SoilTesting, Inc.
Logged by: S. Fisher, GSC
Drilling Started: 9-17-93
Drilling Completed: 9-17-93
Well Construction: 9-17-93
Well Developed: 9-23-93
Well Coords.: N719005.254
E591699.031

Notes:
Hand augered to 6.0'.
Original ground surface at 4.5'.
Water level of 5.5' measured when hole at 10', after ~15 minute break in drilling.
SWL 4.24' (9/23/93, 10:50; from TOC).

**GROUNDWATER SCIENCES
CORPORATION**

Geologic Log: MW-172S

Depth Feet	Blow Counts	FID (ppm)	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Well Construction Graphic	Depth Feet	Well Construction Details
0	Ground Surface						 <p>4" Locking Royer cap w/2" expansion plug 4" protective steel casing Concrete pad Bentonite chips 2" Sch 40 PVC riser 8" HSA bore hole 2" Sch 40 10-slot PVC screen (3.5'-18.5') No. 00 sand Collapsed/swelled formation</p>	0	
2	HAND AUGERED				Grass 0-2". SAND & SILT: vf-f, dark yellow brown, little m-c sand, moist, loose, tr f gravel.	FILL		2	
4								4	
6								6	
8	2-3-3-2	0	1	13"	SAND: dk yel br, vf-f and silt, tr m-c sand, tr SA gravel, loose, crumbly, moist, well graded. : change to pred. mod yel brown, m-c S, some silt, and vf-f sand, loose, moist. : SAA, tr f gravel, moist to wet (outside of spoon was wet).			8	
10	1/24**	0	2	1"				10	
12	2-1-2-6	0	3	18"	SAND: dk yel brown, f-m, some vf sand & silt, tr c-vc S, tr f SA-SR gravel, wet, crumbly, well graded; SILT layer (2" thick) at 12", brownish-gray, dense, plastic, hor. silt layer frag. at 7", shale frags at bottom. : SAA, w/numerous siltstone frags, SA-A, saturated, tr stem fragments.	FILL*		12	
14	1-1-2-4	0	4	6"				14	
16	5-2-2-4	0	5	17"	SAND: dk yel br, vf-m, some vc sand, gravel w/silt, loose, wet, well graded, v gravelly 4-9", A-SA siltstone frags, hor. organic-rich lams below 9", dusky yel br, pred. loose, f-m sand and vf sand and silt. SAND: dk yel br, f-m, some vf, tr c, occ. mod yel br silt masses 8-11", well graded, loose, wet; SILT: mod yel br, dense, plastic, hor. 11-13"; SAND: dk yel br, vf-f, some silt 13-17", wet, loose, poorly graded, SILT: 17"-18"; SAND: vf-f, some silt below 18", wet. : SAA top 5".	SW		16	
18	3-4-4-4	0	6	21"		SP-SM		18	
20	3-1-1-1	0	7	24"	SILT: varved, hor., top surface sloped & sharp top contact, mod yel br to lt pink, grades to pred. brownish-gray w/pale red laminae, some clay-rich laminations.	MH	20		

Driller: SoilTesting, Inc.
 Logged by: S. Fisher, GSC
 Drilling Started: 9-20-93
 Drilling Completed: 9-20-93
 Well Construction: 9-20-93
 Well Developed: 9-23-93
 Well Coords.: N717552.547
 E590613.981


Notes:

Hand augered to 6.0'.
 *Storm sewer invert is 15' below grade.
 All soil in boring to that depth may be fill.
 WL at 11' when hole at 16'; WL at 14.6' when hole at 22'; storm pipe ~11'-15', a few inches of flowing water in pipe.
 **Possible void from 8'-10'.
 SWL 9.99' (9/21/93; from grade).

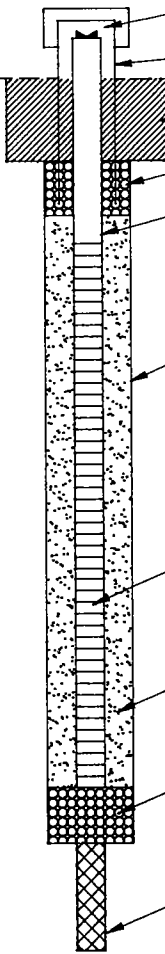
GROUNDWATER SCIENCES CORPORATION

Geologic Log: MW-173S

<p style="text-align: center;">Soil Augering Log</p> <p>Client: IBM Mid-Hudson Valley, Kingston Site</p> <p>Project No. 93021</p>	<p>Boring No. MW-173S TOC Elev. 179.83'</p> <p>Location 10' off W side Neighborhood Rd.</p> <p style="text-align: right;">N of MW-609S in grass island Page 2 of 2</p>
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Depth Feet	Blow Counts	FID (ppm)	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Well Construction Graphic	Depth Feet	Well Construction Details
20								20	
22	2-1-2-2	0	8	18"	SILT: weathered top 12-14", color changes grad. to br-gray in lower portion of spoon, dense, plastic, moist to wet. : SAA, br-gray, clay-rich, v plastic, moist, dense.	MH MH-CH		22	Collapsed/swelled formation
					Total Depth: 22.0'.				
24								24	
26								26	
28								28	
30								30	
32								32	
34								34	
36								36	
38								38	
40								40	

	<p>Notes:</p>	<p>GROUNDWATER SCIENCES CORPORATION</p> <p>Geologic Log: MW-173S</p>
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Depth Feet	Blow Counts	FID (ppm)	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Well Construction Graphic	Depth Feet	Well Construction Details
0	Ground Surface							0	4" Locking Royer cap w/2" expansion plug 4" protective steel casing Concrete pad Bentonite chips 2" Sch 40 PVC riser 8" HSA bore hole
2	HAND AUGERED				Grass. SAND & SILT: dk yel brown, vf-f S, lit m-c sand, tr f SA-SR gravel, moist, loose.	FILL		2	
4								4	
6								6	
8	9-6-4-2	0	1	12"	SAND: dk yel br, vf-f sand & silt, lit med sand, tr c S, loose, crumbly, moist, well graded, occ. rootlet, siltstone frag 3-4", tr f SR gravel, tr silt layer fragments.			8	
10	2/24"	0	2	24"	SAND: dk yel br, vf-m sand & silt, tr c- vc sand, tr f gravel, weathered mod br silt mass at 6", brown-gray silt mass at 23", very loose, wet below 6", well graded.		10	2" Sch 40 10-slot PVC screen (3'.0"-13.0")	
12	1/24"	0	3	24"	: SAA, wet 0-9" and 19-24", saturated, sl flowing 9-19", occ. wthrd. silt masses 8"-22"; some dark brown organic-rich zones below 19", well graded.	SM	12	No. 00 sand	
14	1-1-1-2	0	4	24"	SAND: f-m and vf, w/silt-rich zones, occ. dk brown organic-rich zone, silty layers are mod yellow brown, wet, loose. SILT: varved, some clay, br-gray w/pale red and lt. bluish-gray laminae, dense, plastic, top 7" appears to be weathered, mod. yel br, all br-gray w/tint of purple below, wet.		14	Bentonite chips	
16	1-1-2-2	0	5	11"	SILT: w/clay, varved, brownish gray, occ. pale red and lt bluish-gray laminae, very plastic, dense, wet.	MH-CH	16	Collapsed/swelled formation	
Total Depth: 16.0'.								18	
18								20	

Driller: SoilTesting, Inc.
 Logged by: S. Fisher, GSC
 Drilling Started: 9-20-93
 Drilling Completed: 9-20-93
 Well Construction: 9-20-93
 Well Abandoned: 9-23-93
 Well Coords.: N717533.633
 E590605.380

Notes:
 Hand augered to 6.0'.
 Very soft formation 8'-12'.

SWL 10.02' (9/21/93; from grade).

GROUNDWATER SCIENCES CORPORATION

Geologic Log: MW-174S

Depth Feet	Blow Counts	FID (ppm)	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Well Construction Graphic	Depth Feet	Well Construction Details
0	Ground Surface							0	4" Locking Royer cap w/2" expansion plug
2	HAND AUGERED				Grass and soil with roots, 0-5".			2	4" protective steel casing
4					SAND: f-m, some c, lit vf, tr silt, some vc sand and occ. f SA-SR gravel, loose, dry to moist, limestone rock frags. at 1.5'.			Concrete pad	
6					: v loose, salt & pepper textured, dry to moist, m-c sand below 3', some variation in color, brown to lt gray throughout, well graded.	FILL		Bentonite chips	
8								2" Sch 40 PVC riser	
10	4-3-2-3	0	1	18"	SAND: dk yel br, f, tr vf sand & silt, some faint mottling (med gray), occ dk br organic masses top 2", faint hor. banding, loose, dry; SILT & SAND: at 15", mod yel br, silt w/vf sand, hor. laminated, wet, more cohesive, poorly graded.	SM		10	8" HSA bore hole
12	3-3-1-2	0	2	8"	SAND: dk yel br, m sand w/f sand, lit-tr vf sand & silt, occ. lt br silt masses and lam., lit c sand near bottom, loose, wet, well graded.	SW		12	2" Sch 40 10-slot PVC screen (5.5'-20.5')
14	1/12"-1-2	0	3	13"	SAND: m-c dk yel br, some-lit f, tr vf sand & silt, occ silt masses, loose, wet, grading to f-m S, thin lam. of vc sand at 7.5', 1" thick laminated silt layer at 10", sharp contacts top & bottom, c sand below 10", grading to f-m sand at bottom, coarsening upward seqs.	SW-SM		14	
16	3-5-6-8	0	4	22"	SAND: dk yel br, m-c w/f sand, lit-some vf sand and lit-tr silt, tr silt masses, loose, wet, well graded, homogenous.	SW		16	
18	2-2-3-7	0	5	21"	SAND: dk yel br, m-c, some f, lit-tr vf, tr silt, loose, wet, homogenous, grading to pred. vf-f sand, tr m sand, some silt, silt content increases w/depth, loose, wet, tr silt masses, well graded to poorly graded at bottom.	SW-SP		18	No. 00 sand
20	3-5-11-13	0	6	20"	: SAA top 12", grading to med gray to olive gray vf-f sand w/silt, tr m S, tr organic frags, loose, wet, sl flowing, poorly graded.			20	
	2-2-2-2	0	7	10"	: SAA, olive gray, vf-f sand, coarsening to f-m sand below 8", some silt, loose, wet, poorly graded.	SP			

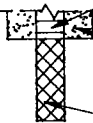
Driller: SoilTesting, Inc.
 Logged by: S. Fisher, GSC
 Drilling Started: 9-2-93
 Drilling Completed: 9-2-93
 Well Construction: 9-3-93
 Well Developed: 9-14-93
 Well Coords.: N717508.516
 E590763.633

Notes:
 Hand augered to 6.0'.
 Sample no. 3 includes organic carbon and physical sedimentary analysis.
 SWL 11.75' (9/14/93, 18:09; from grade).

**GROUNDWATER SCIENCES
CORPORATION**

Geologic Log: MW-175S

<p style="text-align: center;">Soil Augering Log</p> <p>Client: IBM Mid-Hudson Valley, Kingston Site Project No. 93021</p>	<p>Boring No. MW-175S TOC Elev. 179.99'</p> <p>Location E side Neighborhood Rd. S of MW-610S</p> <p style="text-align: right;">Page 2 of 2</p>
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Depth Feet	Blow Counts	FID (ppm)	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Well Construction Graphic	Depth Feet	Well Construction Details
20	Ground Surface							20	2" Sch 40 10-slot PVC screen (5.5'-20.5')
22	2-2-3-2	0	8	13"	: SAA top 5". SILT: brownish gray, varved w/pale red lams., occ. blk organic lam., pred silty vf sand layer 7-9", cohesive, v wet, flows slightly, silt is very dense and plastic.	SP MH		22	No. 00 sand Collapsed/swelled formation
24					Total Depth: 22.0'.			24	
26								26	
28								28	
30								30	
32								32	
34								34	
36								36	
38								38	
40								40	

	<p>Notes:</p>	<p>GROUNDWATER SCIENCES CORPORATION</p> <p>Geologic Log: MW-175S</p>
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Depth Feet	Blow Counts	FID (ppm)	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Well Construction Graphic	Depth Feet	Well Construction Details
0	Ground Surface							0	9" flush-mount manhole w/2" water-tight sealing cap
2	HAND AUGERED				Asphalt, 0-3", c gravel pavement base to 9". SAND: f-m, some c, lit vc sand, tr f SA-SR gravel, mod br to dk yellow brown, moist, loose, f gravel absent below 1'.	FILL		2	Concrete
4						SW		4	Bentonite chips
6								6	2" Sch 40 PVC riser
8	2-2-1-2	0	1	18"	SAND: dk yel br, f-m sand, some vf sand, tr c sand, occ. vc sand, SR gravel, occ. v thin gray zone w/more vf sand (<1"), loose, moist, v faint color banding visible, well graded.	SW-SP		8	8" HSA bore hole
10	2-2-1-2	0	2	10"	: SAA top 5", grades to vf-f sand w/silt, tr m S, occ v thin faint silt lam. betw 5" & 8", turning wet at 8", most dense and cohesive in vf sand zone, poorly graded, f sand interval is pale yel-br.			10	2" Sch 40 10-slot PVC screen (6.0'-16.0')
12	1-1-1-1	0	3	4"	SAND: silty vf-f sand, little m sand, tr c sand, grains loose, wet and well graded.	SW		12	No. 00 sand
14	1-1-2-4	0	4	20"	: SAA top 10" w/incr m-c S, occ m yel-br silt mass, loose, wet, well graded, quickly gr des into unit below; SAND: m gr gray, vf-f, tr m S w/silt, more dense & cohesive, top 1" oxidized lt br-yel org, wet.			14	
16	2-1-3-3	0	5	7"	: SAA, w/thin (0.25") silt layer at 3", lam., dense, plastic, wet, poorly graded, grading into dk yel br, f-m sand, some vf sand, tr c sand, loose, wet.	SP-SM		16	
18	2-4-2-3	0	6	15"	SAND: br-gray to med gray, vf sand w/silt, lit-tr f sand, several black organic-rich laminae between 1" and 5", wet, slightly cohesive, flows slightly.			18	Bentonite chips
20	3-3-3-3	0	7	12"	: SAA, with increase in silt. SILT: br-gray, varved, w/pale red lams. from 5"-8", tr clay, plastic, dense, wet, grading to f sand w/vf sand below 8", varved silt at bottom of interval.	MH		20	Collapsed/swelled formation and Bentonite chips


Driller: SoilTesting, Inc.
 Logged by: S. Fisher, GSC
 Drilling Started: 9-1-93
 Drilling Completed: 9-2-93
 Well Construction: 9-2-93
 Well Developed: 9-14-93
 Well Coords.: N717343.916
 E590841.554

Notes:
 Hand augered to 6.0'.
 Water level measured at drilled depth of 16.0'.
 SWL 9.8' (9/2/93, 08:00; from grade).

GROUNDWATER SCIENCES CORPORATION

 Geologic Log: MW-176S

Soil Augering Log Client: IBM Mid-Hudson Valley, Kingston Site Project No. 93021	Boring No. MW-176S TOC Elev. 177.55' Location Parking Lot W of B025
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Depth Feet	Blow Counts	FID (ppm)	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Well Construction Graphic	Depth Feet	Well Construction Details
20								20	
22	2-3-3-3	0	8	23"	SAND & SILT: vf S w/silt, tr f S, br-gray to m gray, wet, cohesive, grades to varved silt w/tr clay, pale red laminae betw 7-12", plastic, grades quickly back into vf S w/ occ. faint silt laminae.	SM-MH		22	Collapsed/swelled formation and Bentonite chips
					Total Depth: 22.0'.				
24								24	
26								26	
28								28	
30								30	
32								32	
34								34	
36								36	
38								38	
40								40	

	Notes:	GROUNDWATER SCIENCES CORPORATION Geologic Log: MW-176S
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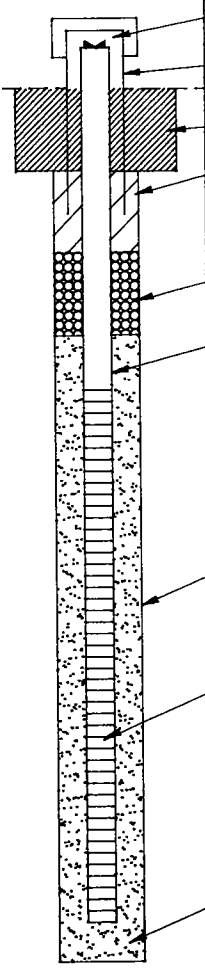
Depth Feet	Blow Counts	FID (ppm)	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Well Construction Graphic	Depth Feet	Well Construction Details
0	Ground Surface							0	4" Locking Royer cap w/2" expansion plug
2					Grass and soil with roots, top 4".			2	4" protective steel casing
4								4	Concrete pad
6								6	Bentonite chips
8	3-3-3-5	0	1	16"	SAND: dk yel br to mod br, m-f, some vf, lit-tr c sand, tr vc sand, loose, moist, well graded, occ. SA-SR m siltstone gravel.	SW		8	2" Sch 40 PVC riser
10	4-4-3-4	0	2	14"	SILT: top 2", mod-dk yel br, dense, sl lam., w/vf sand, some color lamination. SAND: dk yel br, f-m, some vf, tr c, occ. sl coarser zones, scattered white quartz sand grains, tr organic masses at 7", loose, moist to dry, well graded, tr silt. : SAA, sl more vf sand & silt 2-5", turning wet at 10", mod yel br silt mass at 12", loose, homogeneous appearance, well graded.	ML SW		10	8" HSA bore hole
12	2-1-2-3	0	3	19"	: SAA, f-m sand w/ incr vf sand and sl incr in silt, homogenous, faint silt lams at 9-13", loose, saturated, well graded, flowing slightly, pred f-vf sand below 9".	SM-SW		12	2" Sch 40 10-slot PVC screen (6.0'-16.0')
14	2-3-2-3	0	4	15"	SAND: pred f-m dk yel br, some vf, tr c top 6", fines to pred f sand w/vf sand & some silt, sl cohesive, color lam. lt-mod br & occ. dkr br lams, saturated, faint silt lams, quickly changing to med gray to br-gray, vf-f S at 11", saturated, sl flowing, silty throughout.	SP		14	
16	3-3-2-1	0	5	9"	SAND: vf-f, med gray to brownish gray w/ silt throughout, homogeneous, w/v thin pale yellow brown silt lamination at 8", slightly cohesive, saturated.			16	No. 00 sand
18	3-5-6-7	0	6	11"	: SAA top 1", turns to f-m dk yel br S, sl coarsening to pred m S, tr c S, some-lt vf-f S, tr silt, loose, sat, 1/4" thick lt br to yel orange silty vf-f S layer at top of br sand, appears oxidized, silt lamination at 8". : SAA top 8", turns dk br 7-8", tr silt masses silt masses (lt brown), tr c sand	SP-SM		18	Collapsed formation
20	2-4-4-6	0	7	21"	SILT: varved, br-gray w/pale red lam., top 1" withrd., mod yel br, top contact sharp, dense, cohesive, wet, lit clay, plastic. SILT w/vf SAND: pred. below 16", loose, dense, less plastic, sl. flowing, saturated.	MH-SM		20	

<p>Driller: SoilTesting, Inc. Logged by: S. Fisher, GSC Drilling Started: 9-1-93 Drilling Completed: 9-1-93 Well Construction: 9-1-93 Well Developed: 9-14-93 Well Coords.: N717297.219 E590840.937</p>	<p>Notes:</p> <p>Hand augered to 6.0'.</p> <p>Exposed deposit surface at 16'.</p> <p>SWL 11.52' (9/14/93, 16:49; from grade).</p>	<p>GROUNDWATER SCIENCES CORPORATION</p> <p>Geologic Log: MW-177S</p>
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<p style="text-align: center;">Soil Augering Log</p> <p>Client: IBM Mid-Hudson Valley, Kingston Site Project No. 93021</p>	<p>Boring No. MW-177S TOC Elev. 179.30'</p> <p>Location Parking Lot W of B025, S of MW-176S</p> <p style="text-align: right;">Page 2 of 2</p>
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Depth Feet	Blow Counts	FID (ppm)	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Well Construction Graphic	Depth Feet	Well Construction Details
20								20	
22	2-3-4-5	0	8	7	SILT & SAND: brownish gray silt w/vf sand, tr f sand, loose, dense, sl plastic, sl flow- ing, same as 16-21" in above spoon.	SM		22	Collapsed/swelled formation
					Total Depth: 22.0'.				
24								24	
26								26	
28								28	
30								30	
32								32	
34								34	
36								36	
38								38	
40								40	

	<p>Notes:</p>	<p>GROUNDWATER SCIENCES CORPORATION</p> <p>Geologic Log: MW-177S</p>
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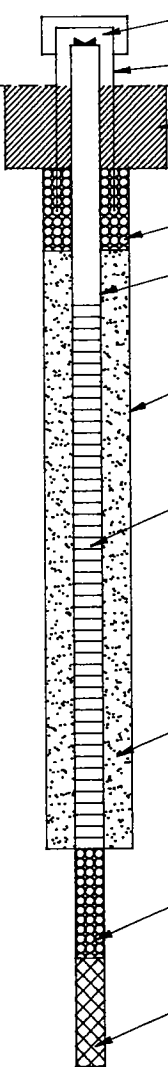
Depth Feet	Blow Counts	FID (ppm)	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Well Construction Graphic	Depth Feet	Well Construction Details
0	Ground Surface				Grass and roots, top 4". SAND: dk yellow brown, f-m, some vf-f, lit c, tr vc, occ A-SA f-c gravel, well graded, loose, moist, occ. asphalt chunk.			0	4" Locking Royer cap w/2" expansion plug 4" protective steel casing Concrete pad Bentonite slurry
2	HAND AUGERED					FILL		2	Bentonite chips
4								4	2" Sch 40 PVC riser
6								6	
8	2-1-2-2	0	1	18"	SAND: dk yel br, m-c, some f, lit vf, well graded, loose, moist, turning wet at 6.5', some variation in color at 6.5'-7.0', fining lower 3-4" to pred. f sand w/lit vf sand, tr m and c sand, tr silt.	SW		8	
10	2-2-3-3	0	2	19"	SAND: pred f-vf top 10", sharp change to m-c at 10", some f, lit vf, tr vc S lower 3", loose, wet, well graded, mod yel br, thin clay/silt stringer at 18", trace interstitial silt.			10	8" HSA bore hole
12	1-1-2-4	0.2	3	15"	SAND: dk yel br, well graded, m-f, lit c, tr vc, lit vf sand, loose, wet, thin silt stringer at 13", sl coarsening with depth to m-c sand, tr silt.	ML-SM		12	2" Sch 40 10-slot PVC screen (5.5'-15.5')
14	2-4-3-2	0	4	13"	SILT: top 4" lam'd., pred. mod yel br w/pale red & gray lams., dense, plastic, horizontal. SAND: dk yel br, pred m sand w/f sand, lit vf, tr c, homogeneous, loose, wet, mod. well graded, tr silt.	SW		14	
16	2-2-2-3	0	5	12"	: SAA, top 8", then pred. vf sand 8-10.5", mod. yel br silt stringer at 10.5", m-f sand below 10.5", loose, wet, lit-tr vf S below silt, sl gray coloration in vf sand layer poorly graded, tr silt.	SP		16	No. 00 sand
					Total Depth: 16.0'.				
18								18	
20								20	

Driller: SoilTesting, Inc.
 Logged by: S. Fisher, GSC
 Drilling Started: 8-31-93
 Drilling Completed: 8-31-93
 Well Construction: 9-1-93
 Well Developed: 9-14-93
 Well Coords.: N717303.789
 E591365.26

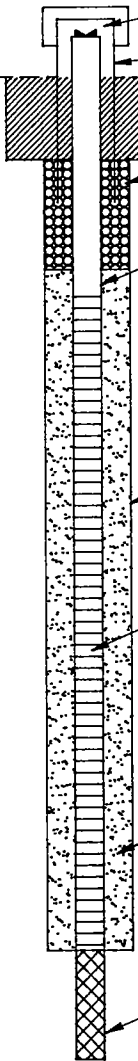
Notes:
 Hand augered to 6.0'.
 Water level 7.5', when hole at total
 total depth of 16' for ~0.25 hr.
 SWL 8.20' (9/1/93, 07:00; from grade).

**GROUNDWATER SCIENCES
CORPORATION**

Geologic Log: MW-178S

Depth Feet	Blow Counts	FID (ppm)	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Well Construction Graphic	Depth Feet	Well Construction Details
0	Ground Surface							0	4" Locking steel cap w/2" expansion plug 4" protective steel casing Concrete pad
2	HAND AUGERED				Grass with soil and roots, 0-5". SAND: dark yellow brown f-m, some c, lt vf.	FILL		2	Bentonite hole plug
4					: concrete mass in wall of boring at 4'. : silt lamination at ~5'.			4	2" Sch 40 PVC riser
6								6	8" HSA bore hole
8	2-2-2-3	0	1	14"	SAND: dk yel br, m-c, some vf-f sand & silt, lit vc sand, silt lamination and round masses below 10", f SR pebble at 11", finer below 12", loose, wet, tr organic masses 5-10".	SW		8	2" Sch 40 10-slot PVC screen (14.0'-4.0')
10	2-2-3-3	0	2	16"	SAND: dk yel br, f-v, some vf sand & silt, tr silt masses (pale yel br) and dk brown-black organic masses, loose, wet, homo- geneous, poorly graded.	SP		10	
12	2-1-3-2	0	3	18"	: SAA, tr c sand, very homogeneous, poorly graded, wet.			12	00N sand
14	3-5-6-7	0	4	24"	: SAA, tr c sand, y thin mod yel br silt lamination at 21", bottom 1" is a mod yel br varved silt, dense, cohesive, sand is loose, wet.	SP-SM		14	Bentonite hole plug
16	3-5-8-9	0	5	8"	SILT: varved, mod yel brown, lit clay, dense, stiff, plastic, wet, changing to brownish-gray silt, lit-tr clay, varved, occasional pale red laminae, dense, stiff, plastic, wet, 3" of oxidized weathered silt at top.	MH-CH		16	Collapsed formation
18	6-5-6-9		6	12"	: SAA, brownish-gray silt, varved, with vf sand below 4", sand absent below 9".	MH		18	
20					Total Depth: 18.0'.			20	

<p>Driller: SoilTesting, Inc. Logged by: S. Fisher, GSC Drilling Started: 9-2-93 Drilling Completed: 9-2-93 Well Construction: 9-3-93 Well Developed: 9-14-93 Well Coords.: N717217.095 E592374.110</p>	<p>Notes: Hand augered to 6.0'. SWL 8.2' (9/3/93, 08:00; from grade).</p>	<p>GROUNDWATER SCIENCES CORPORATION</p> <p>Geologic Log: MW-179S</p>
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Depth Feet	Blow Counts	FID (ppm)	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Well Construction Graphic	Depth Feet	Well Construction Details	
0	Ground Surface							0	4" Locking Royer cap w/2" expansion plug	
2	HAND AUGERED				Asphalt and gravel base to 0.5'. SAND: v loose, dk yel br and lt olive gray, vf-m, lit-tr silt, tr c sand, salt & pepper appearance, moist to dry, tr dk br organic matter, well graded.	SW		2	4" protective steel casing	
4								Concrete pad		
6					: visible water surface at 5.5'.			Bentonite chips		
8	1-2-4-5	0	1	18"	SAND: dk yel br, f-m, lit vf, tr silt, occ. brownish-blk R organic masses 4-16", thin silt lam at 2", mod yel br, wet v loose, moderately graded, occ silt mass, SR.	SP-SM		8	2" Sch 40 PVC riser	
10	2-2-4-6	0	2	24"	: SAA, tr organic masses in top 5", tr silt masses top 3", absent below, v homo- geneous below 5", incr in f-vf sand w/ depth, one silt mass at 15".			10	6" HSA bore hole	
12	2-2-4-3	0	3	21"	: SAA, top 14", occ organic mass, grades to f-vf S w/incr silt, more dense, sl plastic, wet, grades to pred. vf S & silt at 19-20", dk yel org color change at 20" to br-gray, pred vf S & silt, contact at 14" gradational but rapid.			12	2" Sch 40 10-slot PVC screen (4.0'-16.0')	
14	WOR/12"-WOH-1	0	4	6"	SAND & SILT: brownish-gray, vf sand & silt, wet, dense, sl plastic, top 1" dk brownish orange horizontal layer, tr silt laminations at bottom.	SM		14	No. 00 sand	
16	3-6-5-6	0	5	12"	: SAA, increase in number of silt lamina- tions, very silty throughout, slightly more dense and more plastic, wet.			16	Collapsed/swelled formation	
18	4-8-7-7	0	6	15"	SILT: brownish gray, varved, very dense, plastic, wet.	MH		18		
20	Total Depth: 18.0'.								20	

Driller: SoilTesting, Inc.
 Logged by: S. Fisher, GSC
 Drilling Started: 12-14-93
 Drilling Completed: 12-14-93
 Well Construction: 12-14-93
 Well Developed: 12-27-93
 Well Coords.: N717244.750
 E592040.537

Notes:
 Hand augered to 6.0'.
 WOR = Weight of Rods
 WOH = Weight of Hammer

SWL 5.25' (12/16/93, 12:05; from grade).

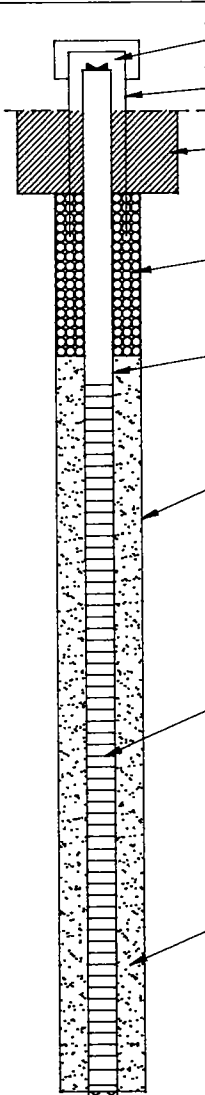
GROUNDWATER SCIENCES CORPORATION

Geologic Log: MW-180S

Depth Feet	Blow Counts	PID (ppm)	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Well Construction Graphic	Depth Feet	Well Construction Details
0	Ground Surface							0	9" flush-mount manhole w/2" water-tight sealing cap
2					Asphalt pavement and gravel base to 0.5'. SAND & GRAVEL: yellow brown to gray, f-c, w/occ. SA-SR f-m gravel, moist.	FILL		2	Concrete
4	HAND AUGERED				SAND: mod yel brown, f-c, tr finer sand & silt, tr vc sand and f SA-SR gravel, loose, moist, well graded.			4	Bentonite chips
6					: turning sl more gray w/a salt & pepper appearance (quartz and rock grains), moist, change at 5'.	SW		6	2" Sch 40 PVC riser
8	6-7-6-7	0	1	16"	SAND: mottled dk-mod yel br & lt olive gray, occ. dusky yel br zone, f-c, lit vf, tr silt and vc sand, occ. small silt mass, organic blotches, moist, turning wet below 11", well graded.			8	8" HSA bore hole
10	2-2-3-4	0	2	18"	SAND: more coarse top 10" (pred m-c), fining to pred. f-m below 10", gradational, some vf sand, lit silt, occ. silt mass, saturated, loose, tr vc sand top 8".			10	
12	4-4-7-10	0	3	21"	SAND: pred. f-m, lit vf sand and silt, wet, loose, some dusky yel br and mod yel br color banding in lower 4", lt br (5YR5/6), silty vf sand at base.	SW-SP		12	2" Sch 40 10-slot PVC screen (5.0'-18.0')
14	4-5-6-6	0	4	20"	: SAA top 11", increase in silt with depth. SILT & SAND: mod yel br, pred m w/finer sands & silt, occ silt stringer, with appearance, wet, loose, sl cohesive, less silt & f sands below 14", grad. turns to med dk gray to br-gray m sand w/some silt & finer S, sharp change to br gray, vf-f sand and silt below 17", all wet.			14	
16	4-2-4-4	0	5	10"	SAND & SILT: br gray, tr m dk gray vf-f sand w/interstitial silt and occ. silt lam, horizontal sl color banding lower 4", wet, poorly graded.	SM		16	No. 00 sand
18	1-2-6-8	0	6	12"	SAND & SILT: vf-f sand w/silt, sl incr silt lower 2", poorly graded, tr plant frags 5-7", occ dk colored, organic-rich zone and silt lamination.			18	
20	3-4-8-6	0	7	22"	: SAA top 6". SILT: brownish gray, occ. pale red lam., hor. to 30° angle, lit-some vf sand, dense, plastic, wet, v silty, tr clay 6-10".	MH		20	Collapsed/swelled formation

Total Depth: 20.0'.

<p>Driller: SoilTesting, Inc. Logged by: S. Fisher, GSC Drilling Started: 12-15-93 Drilling Completed: 12-15-93 Well Construction: 12-15-93 Well Developed: 12-27-93 Well Coords.: N717298.308 E591271.123</p>	<p>Notes: Hand augered to 6.0'. SWL 7.9' (12/16/93, from grade).</p>	<p>GROUNDWATER SCIENCES CORPORATION</p> <p>Geologic Log: MW-181S</p>
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Depth Feet	Blow Counts	PID (ppm)	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Well Construction Graphic	Depth Feet	Well Construction Details
0	Ground Surface							0	4" Locking Royer cap w/2" expansion plug
2	HAND AUGERED				Grass and soil with roots to 4"; cobbles and pebbles mixed w/silty sand below 4". SAND: m-vc, dk yel br w/some black coat- ings (appears to be old oil or tar, some induration, moist to dry, mottled, f-m sand, tr vf sand and silt, moist, lt olive gray to mod yel brown.	FILL		2	4" protective steel casing
4					SILT: 4.5-5', weathered, laminated, tr vf sand, lt gray, pale red and mod yel brown, moist. : same as above.	SW		4	Concrete pad
6						ML		6	Bentonite chips
8	4-6-5-5	0	1	22"	SAND: dk yel br, vf-f, tr silt top 12", occ. silt lam., color banding 8-12", loose, moist, grades to pred m sand, lit f sand, tr finer sand & silt, turning wet, loose, mod graded.	SP		8	2" Sch 40 PVC riser
10	3-3-4-5	0	2	21"	: SAA, pred m sand w/some c, tr vf, some- lit finer sands, tr silt, occ. silt masses lower 5", loose saturated, poorly graded, occ. organic blotch.			10	8" HSA bore hole
12	2-3-5-7	0	3	24"	SAND: dk yel br, m-c, tr f, occ silt lam to ~14", grades to med s and pred f-vf silty sand lower 7", fines downward seq., some color banding below 15", poor-mod graded, loose 5", cohesive w/depth, silt layer at bottom, saturated.			12	2" Sch 40 10-slot PVC screen (5.0'-18.0')
14	6-2-4-5	0	4	20"	: SAA, top 8" SAND: mod yel br to lt br, wthrd, f-m w/vf, lit silt, silt mass at 9", silt lam at 11", color change to dusky yel br at 15", then to dk yel br below, incr silt & vf S lower 2", wet, loose, poorly-mod graded.	SP-SM		14	No. 00 sand
16	1-1-2-1	0	5	24"	: SAA, slight fining with depth, wet, loose.			16	
18	2-4-6-8	0	6	22"	: SAA, top 19". SILT: top contact angled 10-20° and desic- cated(?), v dense, plastic, horiz. lams. and faint color banding, pale red to mod yel br, vf sand at bottom.			MH	18
20	3-3-6-4	0	7	24"	SAND: dk yel br, pred f, lit m, some vf, tr silt, occ. silt masses, loose, massive, wet, poorly-mod graded.	SP-SM		20	Collapsed formation

Total Depth: 20.0'.

Driller: SoilTesting, Inc.
 Logged by: S. Fisher, GSC
 Drilling Started: 12-15-93
 Drilling Completed: 12-15-93
 Well Construction: 12-15-93
 Well Developed: 12-27-93
 Well Coords.: N717210.014
 E591046.334

Notes:
 Hand augered to 6.0'.

SWL 8.3' (12/16/93; 13:30; from grade).

GROUNDWATER SCIENCES CORPORATION

Geologic Log: MW-182S

Soil Augering Log Client: IBM Mid-Hudson Valley, Kingston Site Project No. 93021	Boring No. MW-183S Location E of B025, in loading dock area TOC Elev. 174.59' Page 1 of 2
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Depth Feet	Blow Counts	PID (ppm)	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Well Construction Graphic	Depth Feet	Well Construction Details
0	Ground Surface							0	9" flush-mount manhole w/2" water-tight sealing cap
2	HAND AUGERED				Asphalt pavement and gravel base to 0.5'. SAND & GRAVEL	FILL		2	Concrete
4					SAND: mod. yellow brown, f-m, loose, moist, tr-lit vf sand and silt, tr c sand.	SW		4	Bentonite chips
6								6	2" Sch 40 PVC riser
8	5-6-6-8	0	1	21"	SAND: dk yel br, f-m, some vf, tr silt, sl increase silt in lower 5", occ. dusky yellow brown organic blotches lower 5", loose, wet, moderately graded.	SW-SP		8	8" HSA bore hole
10	3-5-6-5	0	2	18"	SAND: tr v small silt masses 8-15", sl finer, incr f-vf sand w/depth, loose, wet, mod. graded, massive, homogeneous appearance.	SP		10	
12	4-5-7-7	0	3	24"	SAND: pred. f-m top 16", grades quickly to pred. f, some vf, tr silt at 17", sl mod. yel br coloration below 17", color turns to lt olive gray lower 6", poorly-mod. graded, sl cohesive, wet.	SP		12	2" Sch 40 10-slot PVC screen (4.0'-28.5')
14	4-5-8-8	0	4	24"	SAND: lt. olive gray to dk yel br, pred f-m at top, grades to pred. vf-f, wet, poorly-moderately graded, fining downward, incr vf sand and silt.	SP-SM		14	
16	2-3-4-6	0	5	19"	SAND: some mod yel br color banding, faint horizontal laminations, wet, sl cohesive, pred. f-vf silty sand in lower 3'.	SM		16	No. 00 sand
18	8-4-3-6	0	6	24"	SAND: dk yel br, f-vf at top, grades to f-m, wet, loose, mod. graded, at 17" changing to brownish gray vf sand, w/interstitial silt and a few hor. silt stringers, wet, cohesive.	SP		18	
20	2-4-4-6	0	7	24"	SAND: dk yel br, f-m, some vf, lt silt, sl incr grain size w/depth, sl color variation, wthrd mod yel br and dusky yel br lam. at 19", loose, wet, poorly graded.			20	

Driller: SoilTesting, Inc.
 Logged by: S. Fisher, GSC
 Drilling Started: 12-15-93
 Drilling Completed: 12-16-93
 Well Construction: 12-16-93
 Well Developed: 12-27-93
 Well Coords.: N719369.532
 E591438.218

Notes:
 Hand augered to 6.0'.

 SWL 4.7' (12/17/93, from grade).

GROUNDWATER SCIENCES CORPORATION

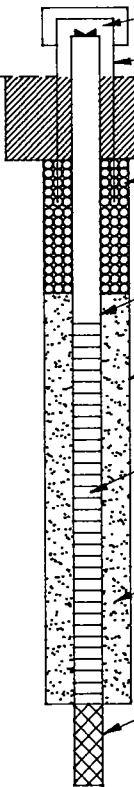
Geologic Log: MW-183S

Depth Feet	Blow Counts	PID (ppm)	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Well Construction Graphic	Depth Feet	Well Construction Details
20								20	
22	8-8-9-13	0	8	24"	SAND: dk yel br, f-m, lit vf and lit-tr silt, sl fining downward and incr in silt, loose, mod. graded, wet, occ. silt masses and silt-rich zones, faint horizontal layering.	SP		22	8" HSA bore hole
24	8-10-13-15	0	9	15"	SAND: sl incr in finer sands and silt, pred. vf-f sand, approx. 4" to 12" saturated and flowing, wet elsewhere, loose, moderate-well graded.			24	2" Sch 40 10-slot PVC screen (4.0'-28.5')
26	2-1-3-4	0	10	12"	SAND: dk yel br, pred f-m w/c sand, some vf sand, tr silt, loose, wet, well graded, homogeneous.	SW		26	No. 00 sand
28	2-4-13-19	0	11	21"	SAND: homogeneous, massive, wet, well graded. : SAA top 4", sl incr in c sand, lit vc sand, more gray in color, wet.			28	
30	5-6-5-5	0	12	20"	SILT: brownish gray, varved beginning at 4", top contact sloped ~10'-15', interlaminated silt & vf sand 4-6", silt w/vf sand 6-10", all silt, tr clay below 10", freq. pale red laminae, dense, plastic, wet to moist.	MH		30	Collapsed/swelled formation
					Total Depth: 30.0'.				
32								32	
34								34	
36								36	
38								38	
40								40	

**GROUNDWATER SCIENCES
CORPORATION**

Geologic Log: MW-183S

<p style="text-align: center;">Soil Augering Log</p> <p>Client: IBM Mid-Hudson Valley, Kingston Site Project No. 93021</p>	<p>Boring No. MW-184S TOC Elev. 174.00'</p> <p>Location N end GWCS, E of MW-185S</p> <p style="text-align: right;">Page 1 of 1</p>
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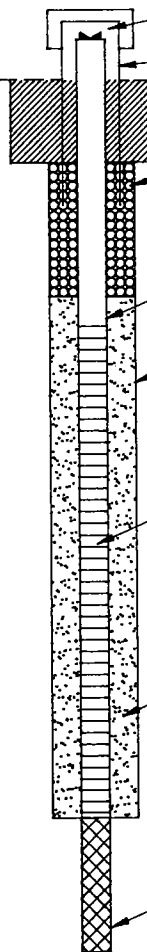
Depth Feet	Blow Counts	FID (ppm)	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Well Construction Graphic	Depth Feet	Well Construction Details
0	Ground Surface							0	4" Locking Royer cap w/2" expansion plug
2					Grass and soil with roots, 0-3". SAND: dk to dusky yel br, f-m w/vf and c sand, some silt, tr-lit vc sand, tr f gravel, occ rootlet and wood frag, occ m SA-SR pebble, moist, loose, crumbly, mod graded.	FILL		2	4" protective steel casing
4	HAND AUGERED				SAND: mod yel br, f-m, lit vf, tr silt, moist, loose, less dense, poorly graded, tr c sand. SAND: increase in silt and moisture content below 3.5'.			4	Concrete pad
6					SAND: mottling below 5', mod. yellow brown and olive gray.	SP		6	Bentonite chips
8	9-10-10-9	0	1	16"	SAND: dk yel br to lt olive gray, pred med., some f-vf, tr c, loose, poorly graded, tr silt, moist, wet at 6.9'. SAND: dk yel br to lt olive gray, m, lit f, lit c, tr vf, organic-rich lower 4", tr silt/clay masses, loose, wet, poorly graded, dk brown lower 4".			8	2" Sch 40 PVC riser
10	2-2-4-4	0	2	20"	SAND: SAA top 4", organic rich, tr clay mass, wet. SAND: dk yel br, pred m-f below 4" w/some vf, tr silt, loose, moderately graded, wet.	SP-SW		10	8" HSA bore hole
12	2-1-1-2	0	3	24"	SAND: SAA top 3". SILT: lt brown to mod yel br, varved, withrd., v dense, plastic, tr pale red & yellowish gray lams., moist-wet, turning to all brownish gray w/lt red lams, dense, plastic, moist-wet below 6", silty vf sand layer 15-18".	MH		12	2" Sch 40 10-slot PVC screen (4.5'-11.5')
14					Total Depth: 13.0'.			14	No. 00 sand
16								16	Collapsed/swelled formation
18								18	
20								20	

Driller: SoilTesting, Inc.
 Logged by: S. Fisher, GSC
 Drilling Started: 12-13-93
 Drilling Completed: 12-13-93
 Well Construction: 12-13-93
 Well Developed: 12-16-93
 Well Coords.: N719468.720
 E591119.153

Notes:
 Hand augered to 7.0'.
 SWL 7.2' (12/14/93, from grade).

**GROUNDWATER SCIENCES
CORPORATION**

Geologic Log: MW-184S

Depth Feet	Blow Counts	FD (ppm)	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Well Construction Graphic	Depth Feet	Well Construction Details
0	Ground Surface							0	4" Locking Royer cap w/ 2" expansion plug
2					Grass and soil with roots, 0-4". SILT & SAND: dk yel br, vf-c, w/silt, moist to wet, occ. rootlets, tr f gravel, sl cohesive. SAND: dk yel br to mod yel br, m-f, tr c, some vf sand and silt, crumbly, less cohesive, moist, occ v silty zone (<1" thick), occ m-c SA gravel.	FILL		2	4" protective steel casing
4	HAND AUGERED				SAND: sl coarsening of sand (m-c) below 3.5', loose, moist. SILT: mod yellow brown, tr vf sand, moist, dense, sl crumbly.	SP		4	Concrete pad
6					SAND: m-f, loose, moist, mottled mod. yel br to olive gray below 5.5', moist.	ML		6	Bentonite chips
8	9-6-7-7	0	1	16"	SAND: dk yel br, f-m, some vf, tr silt, loose, moist, mod. graded, homogeneous appearance, sl incr in finer sands in lower 4".	SP		8	2" Sch 40 PVC riser
10	5-4-4-5	0	2	17"	SAND: dk yel br, vf-m, tr silt, v silty layer 5.5-6", loose, wet, well graded, homogeneous.	SW		10	8" HSA bore hole
12	2-2-4-4	0	3	16"	SAND: mod yel brown, silt layer 5-6", dense, plastic, m-f sand, lit-some vf sand, loose, wet.	SP-SW		12	2" Sch 40, 0.010" slot PVC screen (4.5'-13.5')
14	2-2-3-4	0	4	24"	SAND: SAA, 0-18", homogeneous. SILT: lt br to mod yel br, withrd varved silt w/clay, tr lt red lams, dense, plastic, moist, sharp contact w/overlying sand;			14	No. 00 sand
16	1-1/1'-1	0	5	10"	SILT: brownish-gray, varved, w/pale red lams, v dense, plastic, tr clay, wet to moist.	MH		16	Collapsed/swelled formation
18					Total Depth: 16.0'.			18	
20								20	

Driller: SoilTesting, Inc.
 Logged by: S. Fisher, GSC
 Drilling Started: 12-13-93
 Drilling Completed: 12-13-93
 Well Construction: 12-13-93
 Well Developed: 12-17-93
 Well Coords.: N719446.375
 E591043.946

Notes:
 Hand augered to 6.0'.
 SWL 9.1' (12/14/93, from grade).

**GROUNDWATER SCIENCES
CORPORATION**

Geologic Log: MW-185S

<p style="text-align: center;">Soil Augering Log</p> <p>Client: IBM Mid-Hudson Valley, Kingston Site Project No. 93021</p>	<p style="text-align: center;">Boring No. MW-186S</p> <p>Location East of helipad, North Parking Lot Area</p> <p style="text-align: right;">TOC Elev. 172.70'</p>
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Depth Feet	Blow Counts	FID (ppm)	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Well Construction Graphic	Depth Feet	Well Construction Details
0	Ground Surface							0	4" Locking Royer cap w/2" expansion plug
2					Asphalt pavement and base gravel to 0.5'. SAND & GRAVEL: dk yel br, vf-c, some silt, tr-lit vc sand w/f-m A-SR gravel, loose, moist, occ. boulder or cobble.			2	4" protective steel casing
4								4	Concrete pad
6					: pred. sand below 5', occ. red clay pipe frags, tr f-m gravel, turning wet at ~5.5'.			6	Bentonite chips
8	4-5-7-10	0	1	20"	SAND: dk yel br, f-m w/c, some vf sand, tr silt, loose, wet, well graded, brownish-gray silt mass at 6", faint mottling throughout.	FILL		8	2" Sch 40 PVC riser
10	3-2-4-4	0	2	22"	: SAA, f-m, loose, wet, mod graded, faint organic-rich masses, dk br in color. : pred f-vf sand, some-lit silt below 15", loose, wet, poorly graded, faint horizontal color banding.	SW		10	
12	4-3-2-7	0	3	24"	: SAA: pred vf sand w/silt, mod yel br to dk yel br, faint hor. lams, wet, sl plastic, mod. dense, poorly graded.			12	8" HSA bore hole
14	3-4-5-7	0	4	15"	SAND: dk yel br, to dusky yel br, layered, m-c 0-4", silty vf S 4-7", f-m 7-11", w/organic mat., dk br color 9-11", pred vf S & silt lower 4", loose, sl plastic in finer layers, saturated, some mod yel br in silty zones, faint hor. lams.	SP		14	2" Sch 40 10-slot PVC screen (3.25'-18.25')
16	1-3-4-10	0	5	24"	SAND: dk yel br, f-m sand w/vf sand, lit silt, loose masses, wet. : turning v silty, moderate brown, appears weathered 13-14".			16	No. 00 sand
18	5-10-15-11	0	6	10"	SAND & SILT: vf S and silt at 14", br gray masses, no lam., top contact rapid but gradational, sl plastic, more dense and cohesive, poorly graded. : SAA, Incr silt content, occ. hor. silt lam.	SM		18	
20	WOR-WOH-3-3	0	7	8"	: SAA top 8" grading into silt rapidly. SILT: brownish gray, tr vf sand, tr clay, varved, occ pale red laminae, dense, plastic, wet.	MH		20	Collapsed/swelled formation

Total Depth: 20.0'.

Driller: SoliTesting, Inc.
Logged by: S. Fisher, GSC
Drilling Started: 12-13-93
Drilling Completed: 12-14-93
Well Construction: 12-14-93
Well Developed: 12-31-93
Well Coords.: N719020.52
E591588.093

Notes:
Hand augered to 6.0'.
WOR = Weight of Rods
WOH = Weight of Hammer

SWL 4.5' (12/14/93; 13:46; from grade).

**GROUNDWATER SCIENCES
CORPORATION**

Geologic Log: MW-186S

Soil Augering Log Client: IBM Mid-Hudson Valley, Kingston Site Project No. 93021	Boring No. MW-187S Location W of B059, North Parking Lot Area TOC Elev. 170.92' Page 1 of 1
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Depth Feet	Blow Counts	FID (ppm)	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Well Construction Graphic	Depth Feet	Well Construction Details
0					Ground Surface			0	4" Locking Royer cap w/2" expansion plug
2					Asphalt and gravel base to 0.5'. SAND & GRAVEL: dk yel br, f-c, w/silt and frequent f gravel, moist.	FILL		2	4" protective steel casing
4					SAND: dk yel br to dusky yel brown, f-m, some c, silty, wood frags, leaf fragments, organic silt throughout, moist, sl cohesive, well graded, occ. mottled, tr f SA-SR gravel and very coarse sand.	SM-OL		4	Concrete pad
6					: turning wet below 4'-5' (?), pred. dark yellow brown, vf-m sand, silty.	SW		6	Bentonite chips
8	10-9-8-11	0	1	12"	: SAA top 3". SAND: light olive gray, f-m, w/occ mod br organic fibers (rootlets), homogeneous ap- pearance, loose, slightly silty, wet.			8	2" Sch 40 PVC riser
10	4-4-6-7	0	2	18"	: SAA: coarsens to pred m-c S, saturated, loose, poorly graded, turns dk yel br & fines to f-m S w/some vf S & silt at 11", color changes to lt olive gray at 12", incr silt w/ depth, loose, organic mat. throughout, color banding 11-15", several lt gray silt masses 4-5" (rounded), sharp contact at 11".	SP		10	2" Sch 40 10-slot PVC screen (3.0'-15.0')
12	3-6-8-9	0	3	12"	SAND & SILT: brownish gray, vf, w/silt, dense, tr horizontal lamination, homogeneous, wet, sl plastic, mod dense, very silty lower 2".			12	No. 00 sand
14	13-10-10-6	0	4	13"	: SAA, tr f sand, sl incr in density, wet.			14	
16	5-4-9-14	0	5	16"	SILT & SAND: pred. silty vf sand, brownish gray, pred varved silt 7-10" and 12-14", w/pale red laminae, sand horizontally bed- ded, dense throughout, wet.	SM-ML		16	
18	5-10-8-7	0	6	15"	: SAA, varved silt zones at 2-5" & 9-12", sl increase in silt, overall wet.			18	Bentonite chips
20	WOR-WOH-3-3	0	7	24"	: SAA, top 4". SILT: brownish gray, varved, w/pale red lams, tr clay, v dense, v plastic, wet.	MH		20	Collapsed/swelled formation

Total Depth: 20.0'.

Driller: SoilTesting, Inc.
 Logged by: S. Fisher, GSC
 Drilling Started: 12-14-93
 Drilling Completed: 12-14-93
 Well Construction: 12-14-93
 Well Developed: 12-31-93
 Well Coords.: N719012.878
 E591822.009

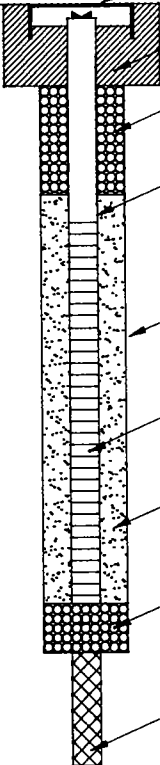
Notes:
 Hand augered to 6.0'.
 Original ground surface at 2.0'.
 Occasional varves below 14.0'.
 WOR = Weight of Rods
 WOH = Weight of Hammer
 SWL 3.1' (12/16/93; 11:43; from grade).

**GROUNDWATER SCIENCES
CORPORATION**

Geologic Log: MW-187S

Soil Augering Log					Boring No. MW-188S		TOC Elev. 174.59'		
Client: IBM Mid-Hudson Valley, Kingston Site					Location: Grassy field N of helipad,		North Parking Lot Area		
Project No. 93021							Page 1 of 1		
Depth Feet	Blow Counts	PID (ppm)	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Well Construction Graphic	Depth Feet	Well Construction Details
0	Ground Surface							0	4" Locking Royer cap w/ 2" expansion plug
2	HAND AUGERED				Grass and soil with roots to .5'. SAND & GRAVEL: dk yel br, f-c, f-m gravel, occ. asphalt fragment and clay tile frag., moist to wet.	FILL		2	Concrete pad
4					SAND: brownish gray, f-c, w/silt & numerous wood and plant fragments, loose, crumbly, moist.	SW-PT		4	Bentonite chips
6						6		2" Sch 40 PVC riser	
8	10-9-11-13	0	1	20"	SAND & SILT: brownish-gray, vf-f, w/silt, some m sand, tr c, freq. wood fragments and plant rootlets, cohesive, crumbly, moist, organic-rich throughout.	SW-SM		8	8" HSA bore hole
10	6-8-7-15	0	2	4"	: SAA, turning wet, tr f SA-SR gravel, sl more dark yellow brown.			10	2" Sch 40 10-slot PVC screen (3.0'-15.5')
12	9-13-15-19	0	3	16"	SAND: olive gray, grades to dk yel brown at ~7-9", f-m w/vf sand and silt, tr c sand, sl cohesive, tr organic frags top 9", wet, v wet below 11", well graded.			12	No. 00 sand
14	11-13-13-7	0	4	20"	: SAA top 4", grades to vf sand & silt, tr f S, faint hor. lam., freq. organic blotches, mottled, gray-orange to yel-gray, tr mod yel br color, v silty, tr clay 11-14".	SW		14	
16	3-3-4-4	0	5	24"	SAND: at 14", dk yel br, m-c, tr f sand & silt, wet, loose, moderately graded.			16	Bentonite chips
18	2-3-4-4	0	6	11"	SILT: (SAA top 13"), gray-org w/dk yel org lams, varved, tr vf S, tr clay, sl incr vf S 16-18", wet, top cont. sharp, appears withrd. SILT: br-gray, varved, w/pale red horiz. lam, v dense, plastic, tr clay, tr vf sand, wet.	MH		18	Collapsed/swelled formation
					Total Depth: 18.0'.			20	

Driller: SoilTesting, Inc. Logged by: S. Fisher, GSC Drilling Started: 12-16-93 Drilling Completed: 12-16-93 Well Construction: 12-16-93 Well Developed: 12-27-93 Well Coords.: N719369.532 E591438.218	Notes: Hand augered to 6.0'. Original ground surface at 4.0'. SWL 5.25' (12/17/93; 10:25; from grade).	GROUNDWATER SCIENCES CORPORATION Geologic Log: MW-188S
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Depth Feet	Blow Counts	PID (ppm)	Sample Number	Recovery	Overburden/Lithologic Description	USCS	Well Construction Graphic	Depth Feet	Well Construction Details	
0	Ground Surface							0	9" flush-mount manhole w/2" water-tight sealing cap	
2	HAND AUGERED				Asphalt w/gravel base to 0.5'. SAND: dk to med yellow brown, f-m, lit vf, tr silt and c sand, occ. f SA-SR gravel.	SW		2	Concrete	
4								4	2" Sch 40 PVC riser	
6					SILT: lt br to pale yel br, tr pale red, varved, withrd, moist to dry, tr vf sand 4.5-4.75'. SAND: f-m, lit-tr vf sand & silt, no gravel.	ML		6	8" HSA bore hole	
8	8-7-3-6	0	2	22"	SAND: dk yel br, pred f w/vf, some m, tr silt, faint silty lam & color banding, horiz., moist 0-15", mod graded. SILT: mod yel br to lt br, tr pale red, withrd, varved, moist to wet, dense, plastic, grades to silty vf sand in lower 3", wet.	SW		8	2" Sch 40 10-slot PVC screen (4.0'-11.0')	
10	2-1-2-4	0	3	23"	SAND & SILT: dk yel br, f-vf, tr-lit silt top 3", silt 3-5", dense, plastic, varved, pred vf sand & silt w/occ horiz. silt stringers 5", v wet, sil plastic, color varies, mod yel br to lt olive gray occ dk yel br to lt org, withrd lam., possible withrd surf 9" & 12", pred silt w/vf S lower 3"	ML		10	No. 00 sand	
12	5-3-2-3	0	4	17"	SAND & SILT: SAA top 8-9", incr silt, gradual texture & color change to underlying unit. SILT: br-gray w/pale red & pale blue varves, v dense, plastic, wet, tr clay.	SP		12	Bentonite chips	
14	WOR-WOH-2-3	0	5	19"	SILT: SAA, very dense, very plastic, tr clay.	SM		14	Collapsed/swelled formation	
					Total Depth: 14.0'.	MH				
16									16	
18									18	
20									20	

Driller: SoilTesting, Inc.
 Logged by: S. Fisher, GSC
 Drilling Started: 12-15-93
 Drilling Completed: 12-15-93
 Well Construction: 12-15-93
 Well Developed: 12-31-93
 Well Coords.: N717647.456
 E590532.331

Notes:
 Hand augered to 6.0'.
 Sample no. 1 collected at 4.5' from hand auger.
 WOR = Weight of Rods
 WOH = Weight of Hammer
 SWL 7.75' (12/16/93, from grade).

GROUNDWATER SCIENCES CORPORATION

Geologic Log: MW-189S

APPENDIX D
Storm Sewer Study Data:
Storm and Surface Water
Data Report
Storm and Surface Water
QA/QC Report

**Storm and Surface Water
Data Report**

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Data Report
Third Quarter 1993

CB 1 M

SAMPLE LOCATION	CB 1 M	CB 1 M	CB 1 M
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	07/23/93	08/05/93	08/23/93
LABORATORY SAMPLE I.D.	125981-27	126491-37	127151-39
SAMPLE RUN NUMBER	01	01	01
SAMPLE COMMENT CODES	0		

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PH	PH	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA
TEMPERATURE	C	NA	NA	NA

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1

12/02/93

INTERNATIONAL BUSINESS MACHINES CORPORATION

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IBM Mid Hudson Valley - Kingston Site
Storm Sewer Data Report
Third Quarter 1993

CB 1 M

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CB 1 M	CB 1 M	CB 1 M
STORM SEWER	STORM SEWER	STORM SEWER
07/23/93	08/05/93	08/23/93
125981-27	126491-37	127151-39
01	01	01
D		

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/L	ND@1	ND@1	ND@1

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Data Report
Third Quarter 1993

CB 2 E

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CB 2 E
STORM SEWER
07/19/93
125807-26
01

CE 431 E
STORM SEWER
07/12/93
125517-17
01

CE 431 E
STORM SEWER
08/05/93
126491-24
01

CE 431 E
STORM SEWER
08/23/93
127151-26
01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	CB 2 E	CE 431 E	CE 431 E	CE 431 E
1,2-DICHLOROBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1
2-CHLOROETHYL VINYL ETHER	ug/L	ND@1	ND@1	ND@1	ND@1

INDICATOR PARAMETERS

PARAMETER	UNITS	CB 2 E	CE 431 E	CE 431 E	CE 431 E
PH	PH	NA	7.4	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	671	NA	NA
TEMPERATURE	C	NA	21.2	NA	NA

VOLATILE ORGANICS

PARAMETER	UNITS	CB 2 E	CE 431 E	CE 431 E	CE 431 E
1,1,1,2-TETRACHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/L	ND@1	1.5	ND@1	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/L	ND@1	2.1	1	ND@1
1,1-DICHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/L	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	ND@1	2.6	1.6	1
1,2-DICHLOROPROPANE	ug/L	ND@1	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/L	ND@1	ND@1	ND@1	ND@1
4-CHLOROTOLUENE	ug/L	ND@1	ND@1	ND@1	ND@1
BENZYL CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/L	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/L	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/L	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
METHYLENE CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1

12/01/93

INTERNATIONAL BUSINESS MACHINES CORPORATION

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IBM Mid Hudson Valley - Kingston Site
Storm Sewer Data Report
Third Quarter 1993

CB 2 E

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CB 2 E
STORM SEWER
07/19/93
125807-26
01

CE 431 E
STORM SEWER
07/12/93
125517-17
01

CE 431 E
STORM SEWER
08/05/93
126491-24
01

CE 431 E
STORM SEWER
08/23/93
127151-26
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	1.8	1.6	1.3
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Data Report
Third Quarter 1993

CE 431 N

SAMPLE LOCATION	CE 431 N	CE 431 N	CE 431 W	CS 400 E
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	07/12/93	07/23/93	07/23/93	07/12/93
LABORATORY SAMPLE I.D.	125517-16	125981-18	125981-17	125517-29
SAMPLE RUN NUMBER	01	01	01	01
SAMPLE COMMENT CODES				

PARAMETER	UNITS
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BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/l	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PH	PH	6.8	NA	NA	7.6
SPECIFIC CONDUCTANCE	umhos/cm	310	NA	NA	920
TEMPERATURE	C	28.2	NA	NA	22.1

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/l	1.1	NDa1	1.3	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	1.6	NDa1	1.6	NDa1
1,1-DICHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	2.2	1	2.7	NDa1
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1

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INTERNATIONAL BUSINESS MACHINES CORPORATION

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IBM Mid Hudson Valley - Kingston Site
Storm Sewer Data Report
Third Quarter 1993

CE 431 N

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CE 431 N
STORM SEWER
07/12/93
125517-16
01

CE 431 N
STORM SEWER
07/23/93
125981-18
01

CE 431 W
STORM SEWER
07/23/93
125981-17
01

CS 400 E
STORM SEWER
07/12/93
125517-29
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE	ug/l	1.3	35	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	1.4	1.1	1.8	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Data Report
Third Quarter 1993

CS 400 E

SAMPLE LOCATION	CS 400 E	CS 400 E	CS 400 E	CS 400 E	CS 400 E	CS 400 E
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	07/19/93	07/19/93	07/19/93	07/23/93	08/05/93	08/23/93
LABORATORY SAMPLE I.D.	125807-12	125807-17	125807-30	125981-46	126491-41	127151-45
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA	NA

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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INTERNATIONAL BUSINESS MACHINES CORPORATION

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Storm Sewer Data Report
Third Quarter 1993

CS 400 E

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 400 E STORM SEWER	CS 400 E STORM SEWER	CS 400 E STORM SEWER	CS 400 E STORM SEWER	CS 400 E STORM SEWER	CS 400 E STORM SEWER
07/19/93	07/19/93	07/19/93	07/23/93	08/05/93	08/23/93
125807-12	125807-17	125807-30	125981-46	126491-41	127151-45
01	01	01	01	01	01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

PARAMETER	UNITS	CS 400 E STORM SEWER	CS 400 E STORM SEWER	CS 400 E STORM SEWER	CS 400 E STORM SEWER	CS 400 E STORM SEWER	CS 400 E STORM SEWER
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Data Report
Third Quarter 1993

CS 400 S

SAMPLE LOCATION	CS 400 S	CS 400 S	CS 400 S	CS 400 S	CS 400 S	CS 400 S
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	07/12/93	07/19/93	07/19/93	07/19/93	07/23/93	08/05/93
LABORATORY SAMPLE I.D.	125517-30	125807-13	125807-18	125807-31	125981-45	126491-42
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER	UNITS
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BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PH	PH	7.4	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	936	NA	NA	NA	NA	NA
TEMPERATURE	C	20.2	NA	NA	NA	NA	NA

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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INTERNATIONAL BUSINESS MACHINES CORPORATION

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Storm Sewer Data Report
Third Quarter 1993

CS 400 S

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 400 S	CS 400 S	CS 400 S	CS 400 S	CS 400 S	CS 400 S
STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
07/12/93	07/19/93	07/19/93	07/19/93	07/23/93	08/05/93
125517-30	125807-13	125807-18	125807-31	125981-45	126491-42
01	01	01	01	01	01

PARAMETER

UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE	ug/L	1	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/L	14	3.4	6.2	2.2	3.5	ND@1
TRICHLOROFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Data Report
Third Quarter 1993

CS 400 S

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 400 S
STORM SEWER
08/23/93
127151-46
01

CS 405 M
STORM SEWER
07/12/93
125517-24
01

CS 405 M
STORM SEWER
07/23/93
125981-28
01

CS 405 M
STORM SEWER
08/05/93
126491-36
01

CS 405 M
STORM SEWER
08/23/93
127151-38
01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	CS 400 S	CS 405 M	CS 405 M	CS 405 M	CS 405 M
1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PARAMETER	UNITS	CS 400 S	CS 405 M	CS 405 M	CS 405 M	CS 405 M
PH	pH	NA	7.5	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	425	NA	NA	NA
TEMPERATURE	C	NA	20.9	NA	NA	NA

VOLATILE ORGANICS

PARAMETER	UNITS	CS 400 S	CS 405 M	CS 405 M	CS 405 M	CS 405 M
1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

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INTERNATIONAL BUSINESS MACHINES CORPORATION

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IBM Mid Hudson Valley - Kingston Site
Storm Sewer Data Report
Third Quarter 1993

CS 400 S

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 400 S
STORM SEWER
08/23/93
127151-46
01

CS 405 M
STORM SEWER
07/12/93
125517-24
01

CS 405 M
STORM SEWER
07/23/93
125981-28
01

CS 405 M
STORM SEWER
08/05/93
126491-36
01

CS 405 M
STORM SEWER
08/23/93
127151-38
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Data Report
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CS 408 N

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 408 N
STORM SEWER
08/23/93
127151-52
01

CS 408 W
STORM SEWER
08/23/93
127151-51
01

CS 409 E
STORM SEWER
07/19/93
125807-21
01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	CS 408 N	CS 408 W	CS 409 E
1,2-DICHLOROENZENE	ug/L	NDa1	NDa1	NDa1
1,3-DICHLOROENZENE	ug/L	NDa1	NDa1	NDa1
1,4-DICHLOROENZENE	ug/L	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PARAMETER	UNITS	CS 408 N	CS 408 W	CS 409 E
PH	pH	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA
TEMPERATURE	C	NA	NA	NA

VOLATILE ORGANICS

PARAMETER	UNITS	CS 408 N	CS 408 W	CS 409 E
1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1

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Third Quarter 1993

CS 408 N

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 408 N
STORM SEWER
08/23/93
127151-52
01

CS 408 W
STORM SEWER
08/23/93
127151-51
01

CS 409 E
STORM SEWER
07/19/93
125807-21
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE	ug/L	ND@1	ND@1	1.2
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/L	ND@1	ND@1	ND@1

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Data Report
Third Quarter 1993

CS 409 S

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 409 S	CS 409 S	CS 409 S	CS 409 S	CS 409 S
STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
07/19/93	07/20/93	07/23/93	08/05/93	08/23/93
125807-19	125807-46	125981-26	126491-35	127151-37
01	01	01	01	01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PH	PH	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

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INTERNATIONAL BUSINESS MACHINES CORPORATION

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Storm Sewer Data Report
Third Quarter 1993

CS 409 S

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 409 S	CS 409 S	CS 409 S	CS 409 S	CS 409 S
STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
07/19/93	07/20/93	07/23/93	08/05/93	08/23/93
125807-19	125807-46	125981-26	126491-35	127151-37
01	01	01	01	01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE	ug/L	1.4	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1

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Storm Sewer Data Report
Third Quarter 1993

CS 409 W

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 409 W
STORM SEWER
07/19/93
125807-20
01

CS 410 M
STORM SEWER
08/05/93
126491-32
01

CS 410 M
STORM SEWER
08/23/93
127151-34
01

CS 410 S
STORM SEWER
07/12/93
125517-27
01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	CS 409 W	CS 410 M	CS 410 M	CS 410 S
1,2-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/l	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PARAMETER	UNITS	CS 409 W	CS 410 M	CS 410 M	CS 410 S
PH	pH	NA	NA	NA	7.9
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	132
TEMPERATURE	C	NA	NA	NA	22.2

VOLATILE ORGANICS

PARAMETER	UNITS	CS 409 W	CS 410 M	CS 410 M	CS 410 S
1,1,1,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/l	NDa1	NDa1	3.4	3.8
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	NDa1	1.4	2.2
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1

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CS 409 W

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 409 W
STORM SEWER
07/19/93
125807-20
01

CS 410 M
STORM SEWER
08/05/93
126491-32
01

CS 410 M
STORM SEWER
08/23/93
127151-34
01

CS 410 S
STORM SEWER
07/12/93
125517-27
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE	ug/L	3.5	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/L	43	ND@1	2.1	3.2
TRICHLOROFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1

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CS 410 S

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 410 S	CS 410 S	CS 410 S
STORM SEWER	STORM SEWER	STORM SEWER
07/23/93	08/05/93	08/23/93
125981-25	126491-31	127151-33
01	01	01

CS 410 W
STORM SEWER
07/12/93
125517-28
01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/l	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	7.5
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	165
TEMPERATURE	C	NA	NA	NA	22.2

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/l	6.6	NDa1	7.7	1.3
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	1.2	NDa1	1.7	NDa1
1,1-DICHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	2.5	NDa1	4.3	NDa1
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1
CHLOROENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1

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Storm Sewer Data Report
Third Quarter 1993

CS 410 S

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 410 S	CS 410 S	CS 410 S
STORM SEWER	STORM SEWER	STORM SEWER
07/23/93	08/05/93	08/23/93
125981-25	126491-31	127151-33
01	01	01

CS 410 W
STORM SEWER
07/12/93
125517-28
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	5.4	ND@1	5.1	2.2
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Data Report
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CS 419 E

SAMPLE LOCATION	CS 419 E	CS 419 E	CS 419 E	CS 419 E	CS 419 E	CS 419 E
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	07/12/93	07/19/93	07/20/93	07/23/93	08/05/93	08/23/93
LABORATORY SAMPLE I.D.	125517-07	125807-05	125807-36	125981-03	126491-11	127151-11
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PH	pH	7.9	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	477	NA	NA	NA	NA	NA
TEMPERATURE	C	21.7	NA	NA	NA	NA	NA

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	1.1	NDa1	1.1	2	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/l	1.2	NDa1	1.5	4	1.5	1.1
1,2,3-TRICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

12/01/93

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Third Quarter 1993.

CS 419 E

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 419 E STORM SEWER 07/12/93 125517-07 01	CS 419 E STORM SEWER 07/19/93 125807-05 01	CS 419 E STORM SEWER 07/20/93 125807-36 01	CS 419 E STORM SEWER 07/23/93 125981-03 01	CS 419 E STORM SEWER 08/05/93 126491-11 01	CS 419 E STORM SEWER 08/23/93 127151-11 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

	ug/l	2	ND@1	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	2	2.1	2.2	2.9	1.8	1.2
TRICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1

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Storm Sewer Data Report
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CS 419 N

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 419 N
STORM SEWER
07/12/93
125517-05
01

CS 419 N
STORM SEWER
07/19/93
125807-03
01

CS 419 S
STORM SEWER
07/12/93
125517-06
01

CS 419 S
STORM SEWER
07/19/93
125807-04
01

CS 419 S
STORM SEWER
07/20/93
125807-35
01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	CS 419 N	CS 419 N	CS 419 S	CS 419 S	CS 419 S
1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PARAMETER	UNITS	CS 419 N	CS 419 N	CS 419 S	CS 419 S	CS 419 S
PH	pH	9.1	NA	10.6	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	306	NA	928	NA	NA
TEMPERATURE	C	25.7	NA	21.2	NA	NA

VOLATILE ORGANICS

PARAMETER	UNITS	CS 419 N	CS 419 N	CS 419 S	CS 419 S	CS 419 S
1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	1.2
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	1.7
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

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CS 419 N

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 419 N
STORM SEWER
07/12/93
125517-05
01

CS 419 N
STORM SEWER
07/19/93
125807-03
01

CS 419 S
STORM SEWER
07/12/93
125517-06
01

CS 419 S
STORM SEWER
07/19/93
125807-04
01

CS 419 S
STORM SEWER
07/20/93
125807-35
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE ug/l
TRANS-1,3-DICHLOROPROPENE ug/l
TRICHLOROETHYLENE ug/l
TRICHLOROFLUOROMETHANE ug/l
VINYL CHLORIDE ug/l

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
2.2
ND@1
ND@1

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CS 419 S

SAMPLE LOCATION
SAMPLE DESCRIPTION
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SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 419 S
STORM SEWER
07/23/93
125981-02
01

CS 419 S
STORM SEWER
08/05/93
126491-10
01

CS 419 S
STORM SEWER
08/23/93
127151-10
01

CS 421 E
STORM SEWER
07/12/93
125517-21
01

CS 421 E
STORM SEWER
07/19/93
125807-11
01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	CS 419 S	CS 419 S	CS 419 S	CS 421 E	CS 421 E
1,2-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PARAMETER	UNITS	CS 419 S	CS 419 S	CS 419 S	CS 421 E	CS 421 E
PH	pH	NA	NA	NA	7.8	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	119	NA
TEMPERATURE	C	NA	NA	NA	21.9	NA

VOLATILE ORGANICS

PARAMETER	UNITS	CS 419 S	CS 419 S	CS 419 S	CS 421 E	CS 421 E
1,1,1,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	1.1	1.2	1.1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/l	1.8	2	1.6	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1

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CS 419 S

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 419 S
STORM SEWER
07/23/93
125981-02
01

CS 419 S
STORM SEWER
08/05/93
126491-10
01

CS 419 S
STORM SEWER
08/23/93
127151-10
01

CS 421 E
STORM SEWER
07/12/93
125517-21
01

CS 421 E
STORM SEWER
07/19/93
125807-11
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	1.7	1.9	1.6	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1

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CS 421 E

SAMPLE LOCATION
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SAMPLE COMMENT CODES

CS 421 E
STORM SEWER
07/20/93
125807-43
01

CS 421 M
STORM SEWER
07/23/93
125981-23
01

CS 421 M
STORM SEWER
08/05/93
126491-29
01

CS 421 M
STORM SEWER
08/23/93
127151-31
01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	CS 421 E	CS 421 M	CS 421 M	CS 421 M
1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PARAMETER	UNITS	CS 421 E	CS 421 M	CS 421 M	CS 421 M
PH	pH	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA

VOLATILE ORGANICS

PARAMETER	UNITS	CS 421 E	CS 421 M	CS 421 M	CS 421 M
1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1

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CS 421 E

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 421 E
STORM SEWER
07/20/93
125807-43
01

CS 421 M
STORM SEWER
07/23/93
125981-23
01

CS 421 M
STORM SEWER
08/05/93
126491-29
01

CS 421 M
STORM SEWER
08/23/93
127151-31
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1

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CS 421 S

SAMPLE LOCATION	CS 421 S	CS 421 S	CS 421 S	CS 421 S	CS 421 S
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	07/12/93	07/19/93	07/20/93	08/05/93	08/23/93
LABORATORY SAMPLE I.D.	125517-20	125807-10	125807-42	126491-28	127151-30
SAMPLE RUN NUMBER	01	01	01	01	01
SAMPLE COMMENT CODES					

PARAMETER	UNITS
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BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROENZENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1,3-DICHLOROENZENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1,4-DICHLOROENZENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
2-CHLOROETHYL VINYL ETHER	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1

INDICATOR PARAMETERS

PH	pH	7.2	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	96	NA	NA	NA	NA
TEMPERATURE	C	23.1	NA	NA	NA	NA

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
4-CHLOROTOLUENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
BENZYL CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE,	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
METHYLENE CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1

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CS 421 S

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 421 S	CS 421 S	CS 421 S	CS 421 S	CS 421 S
STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
07/12/93	07/19/93	07/20/93	08/05/93	08/23/93
125517-20	125807-10	125807-42	126491-28	127151-30
01	01	01	01	01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1

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CS 422 S

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 422 S
STORM SEWER
07/12/93
125517-18
01

CS 422 S
STORM SEWER
07/19/93
125807-08
01

CS 422 S
STORM SEWER
07/20/93
125807-40
01

CS 422 S
STORM SEWER
07/23/93
125981-22
01

CS 422 S
STORM SEWER
08/05/93
126491-27
01

CS 422 S
STORM SEWER
08/23/93
127151-29
01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	CS 422 S	CS 422 S	CS 422 S	CS 422 S	CS 422 S	CS 422 S
1,2-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PARAMETER	UNITS	CS 422 S	CS 422 S	CS 422 S	CS 422 S	CS 422 S	CS 422 S
PH	PH	7.8	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	247	NA	NA	NA	NA	NA
TEMPERATURE	C	19.5	NA	NA	NA	NA	NA

VOLATILE ORGANICS

PARAMETER	UNITS	CS 422 S	CS 422 S	CS 422 S	CS 422 S	CS 422 S	CS 422 S
1,1,1,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	2.4	NDa1	NDa1	NDa1

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CS 422 S

SAMPLE LOCATION	CS 422 S	CS 422 S	CS 422 S	CS 422 S	CS 422 S	CS 422 S
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	07/12/93	07/19/93	07/20/93	07/23/93	08/05/93	08/23/93
LABORATORY SAMPLE I.D.	125517-18	125807-08	125807-40	125981-22	126491-27	127151-29
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1

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CS 423 E

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 423 E
STORM SEWER
07/12/93
125517-04
01

CS 423 E
STORM SEWER
07/23/93
125981-43
01

CS 423 E
STORM SEWER
08/05/93
126491-07
01

CS 423 E
STORM SEWER
08/23/93
127151-07
01

CS 423 S
STORM SEWER
07/12/93
125517-03
01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	CS 423 E	CS 423 E	CS 423 E	CS 423 E	CS 423 S
1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PARAMETER	UNITS	CS 423 E	CS 423 E	CS 423 E	CS 423 E	CS 423 S
PH	pH	7.7	NA	NA	NA	7.8
SPECIFIC CONDUCTANCE	umhos/cm	388	NA	NA	NA	1223
TEMPERATURE	C	24.8	NA	NA	NA	20.7

VOLATILE ORGANICS

PARAMETER	UNITS	CS 423 E	CS 423 E	CS 423 E	CS 423 E	CS 423 S
1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	4.1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	4.7
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	7.6
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	1.2
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE,	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

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CS 423 E

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 423 E
STORM SEWER
07/12/93
125517-04
01

CS 423 E
STORM SEWER
07/23/93
125981-43
01

CS 423 E
STORM SEWER
08/05/93
126491-07
01

CS 423 E
STORM SEWER
08/23/93
127151-07
01

CS 423 S
STORM SEWER
07/12/93
125517-03
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1	6.5
TRICHLOROFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1

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CS 423 S

SAMPLE LOCATION
SAMPLE DESCRIPTION
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CS 423 S
STORM SEWER
07/23/93
125981-44
01

CS 423 S
STORM SEWER
08/05/93
126491-06
01

CS 423 S
STORM SEWER
08/23/93
127151-06
01

CS 425 E
STORM SEWER
07/12/93
125517-09
01

CS 425 E
STORM SEWER
07/23/93
125981-05
01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	CS 423 S	CS 423 S	CS 423 S	CS 425 E	CS 425 E
1,2-DICHLOROENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PARAMETER	UNITS	CS 423 S	CS 423 S	CS 423 S	CS 425 E	CS 425 E
PH	PH	NA	NA	NA	7.9	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	742	NA
TEMPERATURE	C	NA	NA	NA	21.7	NA

VOLATILE ORGANICS

PARAMETER	UNITS	CS 423 S	CS 423 S	CS 423 S	CS 425 E	CS 425 E
1,1,1,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/l	7.2	7.3	4.8	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	8.4	8.5	5.4	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/l	14	15	8	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	1.9	1.9	1.2	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE,	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1

12/01/93

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CS 423 S

SAMPLE LOCATION
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SAMPLE COMMENT CODES

CS 423 S
STORM SEWER
07/23/93
125981-44
01

CS 423 S
STORM SEWER
08/05/93
126491-06
01

CS 423 S
STORM SEWER
08/23/93
127151-06
01

CS 425 E
STORM SEWER
07/12/93
125517-09
01

CS 425 E
STORM SEWER
07/23/93
125981-05
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE ug/L
TRANS-1,3-DICHLOROPROPENE ug/L
TRICHLOROETHYLENE ug/L
TRICHLOROFLUOROMETHANE ug/L
VINYL CHLORIDE ug/L

ND@1
ND@1
10
ND@1
ND@1

ND@1
ND@1
9.7
ND@1
ND@1

ND@1
ND@1
6.4
ND@1
ND@1

1.4
ND@1
1.6
ND@1
ND@1

ND@1
ND@1
1.5
ND@1
ND@1

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CS 425 E

SAMPLE LOCATION
SAMPLE DESCRIPTION
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CS 425 E
STORM SEWER
08/05/93
126491-13
01

CS 425 E
STORM SEWER
08/23/93
127151-13
01

CS 425 N
STORM SEWER
07/12/93
125517-08
01

CS 425 N
STORM SEWER
07/23/93
125981-04
01

CS 425 N
STORM SEWER
08/05/93
128491-12
01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	CS 425 E	CS 425 E	CS 425 N	CS 425 N	CS 425 N
1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PARAMETER	UNITS	CS 425 E	CS 425 E	CS 425 N	CS 425 N	CS 425 N
PH	pH	NA	NA	7.9	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	1159	NA	NA
TEMPERATURE	C	NA	NA	19.6	NA	NA

VOLATILE ORGANICS

PARAMETER	UNITS	CS 425 E	CS 425 E	CS 425 N	CS 425 N	CS 425 N
1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	2.9	2.5	1.9
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	6.5	6.7	4.6
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	13	13	8.3
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

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CS 425 E

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CS 425 E
STORM SEWER
08/05/93
126491-13
01

CS 425 E
STORM SEWER
08/23/93
127151-13
01

CS 425 N
STORM SEWER
07/12/93
125517-08
01

CS 425 N
STORM SEWER
07/23/93
125981-04
01

CS 425 N
STORM SEWER
08/05/93
128491-12
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE ug/l
TRANS-1,3-DICHLOROPROPENE ug/l
TRICHLOROETHYLENE ug/l
TRICHLOROFLUOROMETHANE ug/l
VINYL CHLORIDE ug/l

ND@1 ND@1
ND@1 ND@1
1.6 1.3
ND@1 ND@1
ND@1 ND@1

ND@1 ND@1 ND@1
ND@1 ND@1 ND@1
8.2 8.4 6.3
ND@1 ND@1 ND@1
ND@1 ND@1 ND@1

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CS 425 N

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 425 N
STORM SEWER
08/23/93
127151-12
01

CS 427 E
STORM SEWER
07/12/93
125517-14
01

CS 427 E
STORM SEWER
07/19/93
125807-51
01

CS 427 E
STORM SEWER
07/20/93
125807-38
01

CS 427 E
STORM SEWER
07/23/93
125981-13
01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	CS 425 N	CS 427 E	CS 427 E	CS 427 E	CS 427 E
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PARAMETER	UNITS	CS 425 N	CS 427 E	CS 427 E	CS 427 E	CS 427 E
PH	pH	NA	8.0	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	874	NA	NA	NA
TEMPERATURE	C	NA	22.5	NA	NA	NA

VOLATILE ORGANICS

PARAMETER	UNITS	CS 425 N	CS 427 E	CS 427 E	CS 427 E	CS 427 E
1,1,1,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/l	1.6	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	3.8	1.2	NDa1	1	NDa1
1,1-DICHLOROETHYLENE	ug/l	6.2	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	1.6	NDa1	1.6	1.7
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHXANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1

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CS 425 N

SAMPLE LOCATION
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SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 425 N
STORM SEWER
08/23/93
127151-12
01

CS 427 E
STORM SEWER
07/12/93
125517-14
01

CS 427 E
STORM SEWER
07/19/93
125807-51
01

CS 427 E
STORM SEWER
07/20/93
125807-38
01

CS 427 E
STORM SEWER
07/23/93
125981-13
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE	ug/l	ND@1	1	1.3	1.7	1.9
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	5.7	1	ND@1	1.2	1.2
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1

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CS 427 E

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 427 E
STORM SEWER
08/05/93
126491-21
01

CS 427 E
STORM SEWER
08/23/93
127151-22
01

CS 427 N
STORM SEWER
07/12/93
125517-13
01

CS 427 N
STORM SEWER
07/19/93
125807-06
01

CS 427 N
STORM SEWER
07/20/93
125807-37
01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	CS 427 E	CS 427 E	CS 427 N	CS 427 N	CS 427 N
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PARAMETER	UNITS	CS 427 E	CS 427 E	CS 427 N	CS 427 N	CS 427 N
PH	PH	NA	NA	7.9	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	1255	NA	NA
TEMPERATURE	C	NA	NA	21.6	NA	NA

VOLATILE ORGANICS

PARAMETER	UNITS	CS 427 E	CS 427 E	CS 427 N	CS 427 N	CS 427 N
1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHXANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE,	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

12/01/93

INTERNATIONAL BUSINESS MACHINES CORPORATION

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CS 427 E

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 427 E
STORM SEWER
08/05/93
126491-21
01

CS 427 E
STORM SEWER
08/23/93
127151-22
01

CS 427 N
STORM SEWER
07/12/93
125517-13
01

CS 427 N
STORM SEWER
07/19/93
125807-06
01

CS 427 N
STORM SEWER
07/20/93
125807-37
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE ug/L
TRANS-1,3-DICHLOROPROPENE ug/L
TRICHLOROETHYLENE ug/L
TRICHLOROFLUOROMETHANE ug/L
VINYL CHLORIDE ug/L

NDa1
NDa1
1
NDa1
NDa1

NDa1
NDa1
NDa1
NDa1
NDa1

10
NDa1
2.7
NDa1
NDa1

11
NDa1
1.8
NDa1
NDa1

19
NDa1
2.8
NDa1
NDa1

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CS 427 N

SAMPLE LOCATION	CS 427 N	CS 427 N	CS 427 N	CS 427 S	CS 427 S
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	07/23/93	08/05/93	08/23/93	07/12/93	07/19/93
LABORATORY SAMPLE I.D.	125981-15	126491-20	127151-21	125517-15	125807-07
SAMPLE RUN NUMBER	01	01	01	01	01
SAMPLE COMMENT CODES					

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PH	PH	NA	NA	NA	7.6	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	588	NA
TEMPERATURE	C	NA	NA	NA	25.7	NA

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHXANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

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CS 427 N

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
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SAMPLE COMMENT CODES

CS 427 N	CS 427 N	CS 427 N
STORM SEWER	STORM SEWER	STORM SEWER
07/23/93	08/05/93	08/23/93
125981-15	126491-20	127151-21
01	01	01

CS 427 S	CS 427 S
STORM SEWER	STORM SEWER
07/12/93	07/19/93
125517-15	125807-07
01	01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE	ug/l	22	16	19	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	2.4	2.4	2.7	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1

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CS 427 S

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
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CS 427 S
STORM SEWER
07/20/93
125807-39
01

CS 427 S
STORM SEWER
07/23/93
125981-14
01

CS 427 S
STORM SEWER
08/05/93
126491-22
01

CS 427 S
STORM SEWER
08/23/93
127151-23
01

CS 430 E
STORM SEWER
07/23/93
125981-06
01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	CS 427 S	CS 427 S	CS 427 S	CS 427 S	CS 430 E
1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PARAMETER	UNITS	CS 427 S	CS 427 S	CS 427 S	CS 427 S	CS 430 E
PH	pH	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA

VOLATILE ORGANICS

PARAMETER	UNITS	CS 427 S	CS 427 S	CS 427 S	CS 427 S	CS 430 E
1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

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CS 427 S

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 427 S
STORM SEWER
07/20/93
125807-39
01

CS 427 S
STORM SEWER
07/23/93
125981-14
01

CS 427 S
STORM SEWER
08/05/93
126491-22
01

CS 427 S
STORM SEWER
08/23/93
127151-23
01

CS 430 E
STORM SEWER
07/23/93
125981-06
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE ug/l
TRANS-1,3-DICHLOROPROPENE ug/l
TRICHLOROETHYLENE ug/l
TRICHLOROFLUOROMETHANE ug/l
VINYL CHLORIDE ug/l

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
2.5
ND@1
ND@1

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Data Report
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CS 430 E

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 430 E
STORM SEWER
08/05/93
126491-14
01

CS 430 E
STORM SEWER
08/23/93
127151-14
01

CS 431 E
STORM SEWER
07/23/93
125981-16
01

CS 431 E
STORM SEWER
08/05/93
126491-23
01

CS 431 E
STORM SEWER
08/23/93
127151-24
01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	CS 430 E	CS 430 E	CS 431 E	CS 431 E	CS 431 E
1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PARAMETER	UNITS	CS 430 E	CS 430 E	CS 431 E	CS 431 E	CS 431 E
PH	PH	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA

VOLATILE ORGANICS

PARAMETER	UNITS	CS 430 E	CS 430 E	CS 431 E	CS 431 E	CS 431 E
1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	1.2	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	2.2	1.1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE,	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

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INTERNATIONAL BUSINESS MACHINES CORPORATION

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CS 430 E

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 430 E
STORM SEWER
08/05/93
126491-14
01

CS 430 E
STORM SEWER
08/23/93
127151-14
01

CS 431 E
STORM SEWER
07/23/93
125981-16
01

CS 431 E
STORM SEWER
08/05/93
126491-23
01

CS 431 E
STORM SEWER
08/23/93
127151-24
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE	ug/L	ND@1	ND@1	2.2	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/L	1.9	1.5	1.7	1.1	ND@1
TRICHLOROFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1

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CS 431 S

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 431 S
STORM SEWER
08/23/93
127151-25
01

CS 432 E
STORM SEWER
07/23/93
125981-08
01

CS 432 E
STORM SEWER
08/05/93
126491-58
01

CS 432 E
STORM SEWER
08/23/93
127151-16
01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	CS 431 S	CS 432 E	CS 432 E	CS 432 E
1,2-DICHLOROENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PARAMETER	UNITS	CS 431 S	CS 432 E	CS 432 E	CS 432 E
PH	pH	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA

VOLATILE ORGANICS

PARAMETER	UNITS	CS 431 S	CS 432 E	CS 432 E	CS 432 E
1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1

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Third Quarter 1993

CS 431 S

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 431 S
STORM SEWER
08/23/93
127151-25
01

CS 432 E
STORM SEWER
07/23/93
125981-08
01

CS 432 E
STORM SEWER
08/05/93
126491-58
01

CS 432 E
STORM SEWER
08/23/93
127151-16
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE	ug/l	ND@1	1.1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1

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CS 435 E

SAMPLE LOCATION	CS 435 E	CS 435 N	CS 435 N	CS 435 N	CS 435 N
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	07/19/93	07/19/93	07/20/93	07/23/93	08/05/93
LABORATORY SAMPLE I.D.	125807-23	125807-24	125807-48	125981-21	126491-26
SAMPLE RUN NUMBER	01	01	01	01	01
SAMPLE COMMENT CODES					

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

	pH	NA	NA	NA	NA	NA
PH		NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA

VOLATILE ORGANICS

	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/l	NDa1	NDa1	5.9	NDa1	2.2
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	NDa1	1.1	10	NDa1	3.7
1,1-DICHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	1.3	12	NDa1	4.5
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/l	NDa1	8.2	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1

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CS 435 E

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 435 E
STORM SEWER
07/19/93
125807-23
01

CS 435 N
STORM SEWER
07/19/93
125807-24
01

CS 435 N
STORM SEWER
07/20/93
125807-48
01

CS 435 N
STORM SEWER
07/23/93
125981-21
01

CS 435 N
STORM SEWER
08/05/93
126491-26
01

PARAMETER

UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE
TRANS-1,3-DICHLOROPROPENE
TRICHLOROETHYLENE
TRICHLOROFLUOROMETHANE
VINYL CHLORIDE

ug/l
ug/l
ug/l
ug/l
ug/l

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

1.3
ND@1
6.7
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
2.8
ND@1
ND@1

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CS 435 N

SAMPLE LOCATION	CS 435 N	CS 435 S	CS 435 S	CS 435 S	CS 435 S
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	08/23/93	07/19/93	07/20/93	07/23/93	08/05/93
LABORATORY SAMPLE I.D.	127151-28	125807-22	125807-47	125981-20	126491-25
SAMPLE RUN NUMBER	01	01	01	01	01
SAMPLE COMMENT CODES					

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	CS 435 N	CS 435 S	CS 435 S	CS 435 S	CS 435 S
1,2-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PARAMETER	UNITS	CS 435 N	CS 435 S	CS 435 S	CS 435 S	CS 435 S
PH	pH	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA

VOLATILE ORGANICS

PARAMETER	UNITS	CS 435 N	CS 435 S	CS 435 S	CS 435 S	CS 435 S
1,1,1,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/l	2.9	NDa1	NDa1	6.1	1.6
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	4.6	NDa1	NDa1	10	2.1
1,1-DICHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	5.8	NDa1	NDa1	13	2.7
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1

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CS 435 N

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 435 N
STORM SEWER
08/23/93
127151-28
01

CS 435 S
STORM SEWER
07/19/93
125807-22
01

CS 435 S
STORM SEWER
07/20/93
125807-47
01

CS 435 S
STORM SEWER
07/23/93
125981-20
01

CS 435 S
STORM SEWER
08/05/93
126491-25
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE ug/L
TRANS-1,3-DICHLOROPROPENE ug/L
TRICHLOROETHYLENE ug/L
TRICHLOROFLUOROMETHANE ug/L
VINYL CHLORIDE ug/L

1.1
ND@1
4.7
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

1.5
ND@1
7.3
ND@1
ND@1

ND@1
ND@1
2.1
ND@1
ND@1

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CS 435 S

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 435 S
STORM SEWER
08/23/93
127151-27
01

CS 435 W
STORM SEWER
07/19/93
125807-25
01

CS 444 S
STORM SEWER
08/05/93
126491-08
01

CS 444 S
STORM SEWER
08/23/93
127151-08
01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	CS 435 S	CS 435 W	CS 444 S	CS 444 S
1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PARAMETER	UNITS	CS 435 S	CS 435 W	CS 444 S	CS 444 S
PH	pH	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA

VOLATILE ORGANICS

PARAMETER	UNITS	CS 435 S	CS 435 W	CS 444 S	CS 444 S
1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	8.4	3.4
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	10	6.8
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	17	9.4
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	2	1.4
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1

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CS 435 S

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 435 S
STORM SEWER
08/23/93
127151-27
01

CS 435 W
STORM SEWER
07/19/93
125807-25
01

CS 444 S
STORM SEWER
08/05/93
126491-08
01

CS 444 S
STORM SEWER
08/23/93
127151-08
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	ND@1	11	9
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1

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CS 445 S

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 445 S
STORM SEWER
08/05/93
126491-09
01

CS 445 S
STORM SEWER
08/23/93
127151-09
01

CS 446 E
STORM SEWER
07/23/93
125981-07
01

CS 446 E
STORM SEWER
08/05/93
126491-15
01

CS 446 E
STORM SEWER
08/23/93
127151-15
01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	CS 445 S	CS 445 S	CS 446 E	CS 446 E	CS 446 E
1,2-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PARAMETER	UNITS	CS 445 S	CS 445 S	CS 446 E	CS 446 E	CS 446 E
PH	pH	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA

VOLATILE ORGANICS

PARAMETER	UNITS	CS 445 S	CS 445 S	CS 446 E	CS 446 E	CS 446 E
1,1,1,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/l	1.6	1.3	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	3.2	2.5	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/l	8.6	5.6	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1

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CS 445 S

SAMPLE LOCATION
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SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 445 S
STORM SEWER
08/05/93
126491-09
01

CS 445 S
STORM SEWER
08/23/93
127151-09
01

CS 446 E
STORM SEWER
07/23/93
125981-07
01

CS 446 E
STORM SEWER
08/05/93
126491-15
01

CS 446 E
STORM SEWER
08/23/93
127151-15
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE ug/l
TRANS-1,3-DICHLOROPROPENE ug/l
TRICHLOROETHYLENE ug/l
TRICHLOROFLUOROMETHANE ug/l
VINYL CHLORIDE ug/l

ND@1 ND@1
ND@1 ND@1
8.2 6.6
ND@1 ND@1
ND@1 ND@1

1 ND@1 ND@1
ND@1 ND@1 ND@1
1.7 5.2 2
ND@1 ND@1 ND@1
ND@1 ND@1 ND@1

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CS 448 E

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SAMPLE DESCRIPTION
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CS 448 E
STORM SEWER
08/05/93
126491-44
01

CS 448 E
STORM SEWER
08/23/93
127151-50
01

CS 448 W
STORM SEWER
08/05/93
126491-45
01

CS 448 W
STORM SEWER
08/23/93
127151-49
01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	CS 448 E	CS 448 E	CS 448 W	CS 448 W
1,2-DICHLOROBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1
2-CHLOROETHYL VINYL ETHER	ug/L	ND@1	ND@1	ND@1	ND@1

INDICATOR PARAMETERS

PARAMETER	UNITS	CS 448 E	CS 448 E	CS 448 W	CS 448 W
PH	PH	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA

VOLATILE ORGANICS

PARAMETER	UNITS	CS 448 E	CS 448 E	CS 448 W	CS 448 W
1,1,1,2-TETRACHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/L	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	7.6	7.1	8.1	7.5
1,2-DICHLOROPROPANE	ug/L	ND@1	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/L	ND@1	ND@1	ND@1	ND@1
4-CHLOROTOLUENE	ug/L	ND@1	ND@1	ND@1	ND@1
BENZYL CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/L	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/L	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/L	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
METHYLENE CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1

12/01/93

INTERNATIONAL BUSINESS MACHINES CORPORATION

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CS 448 E
STORM SEWER
08/05/93
126491-44
01

CS 448 E
STORM SEWER
08/23/93
127151-50
01

CS 448 W
STORM SEWER
08/05/93
126491-45
01

CS 448 W
STORM SEWER
08/23/93
127151-49
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE ug/l
TRANS-1,3-DICHLOROPROPENE ug/l
TRICHLOROETHYLENE ug/l
TRICHLOROFLUOROMETHANE ug/l
VINYL CHLORIDE ug/l

ND@1
ND@1
2.1
ND@1
1

ND@1
ND@1
1.8
ND@1
1

ND@1
ND@1
7.9
ND@1
2.7

ND@1
ND@1
5.5
ND@1
2.1

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CS 450 E
STORM SEWER
07/23/93
125981-30
01

CS 450 E
STORM SEWER
08/23/93
127151-41
01

CS 450 N
STORM SEWER
07/23/93
125981-31
01

CS 450 N
STORM SEWER
08/05/93
126491-39
01

CS 450 N
STORM SEWER
08/23/93
127151-42
01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	CS 450 E	CS 450 E	CS 450 N	CS 450 N	CS 450 N
1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYLVINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PARAMETER	UNITS	CS 450 E	CS 450 E	CS 450 N	CS 450 N	CS 450 N
PH	PH	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA

VOLATILE ORGANICS

PARAMETER	UNITS	CS 450 E	CS 450 E	CS 450 N	CS 450 N	CS 450 N
1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

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CS 450 E

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CS 450 E
STORM SEWER
07/23/93
125981-30
01

CS 450 E
STORM SEWER
08/23/93
127151-41
01

CS 450 N
STORM SEWER
07/23/93
125981-31
01

CS 450 N
STORM SEWER
08/05/93
126491-39
01

CS 450 N
STORM SEWER
08/23/93
127151-42
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1

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CS 450 S

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CS 450 S
STORM SEWER
07/23/93
125981-29
01

CS 450 S
STORM SEWER
08/05/93
126491-38
01

CS 450 S
STORM SEWER
08/23/93
127151-40
01

CS 460 E
STORM SEWER
07/23/93
125981-10
01

CS 460 E
STORM SEWER
08/05/93
126491-17
01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	CS 450 S	CS 450 S	CS 450 S	CS 460 E	CS 460 E
1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYLVINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PARAMETER	UNITS	CS 450 S	CS 450 S	CS 450 S	CS 460 E	CS 460 E
PH	pH	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA

VOLATILE ORGANICS

PARAMETER	UNITS	CS 450 S	CS 450 S	CS 450 S	CS 460 E	CS 460 E
1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

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CS 450 S

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CS 450 S
STORM SEWER
07/23/93
125981-29
01

CS 450 S
STORM SEWER
08/05/93
126491-38
01

CS 450 S
STORM SEWER
08/23/93
127151-40
01

CS 460 E
STORM SEWER
07/23/93
125981-10
01

CS 460 E
STORM SEWER
08/05/93
126491-17
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	1.5	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1

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CS 460 E

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SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 460 E
STORM SEWER
08/23/93
127151-18
01

CS 460 N
STORM SEWER
07/12/93
125517-10
01

CS 460 N
STORM SEWER
07/23/93
125981-09
01

CS 460 N
STORM SEWER
08/05/93
126491-16
01

CS 460 N
STORM SEWER
08/23/93
127151-17
01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	CS 460 E	CS 460 N	CS 460 N	CS 460 N	CS 460 N
1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYLVINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PARAMETER	UNITS	CS 460 E	CS 460 N	CS 460 N	CS 460 N	CS 460 N
PH	pH	NA	8.0	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	335	NA	NA	NA
TEMPERATURE	C	NA	22.8	NA	NA	NA

VOLATILE ORGANICS

PARAMETER	UNITS	CS 460 E	CS 460 N	CS 460 N	CS 460 N	CS 460 N
1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

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CS 460 E

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 460 E
STORM SEWER
08/23/93
127151-18
01

CS 460 N
STORM SEWER
07/12/93
125517-10
01

CS 460 N
STORM SEWER
07/23/93
125981-09
01

CS 460 N
STORM SEWER
08/05/93
126491-16
01

CS 460 N
STORM SEWER
08/23/93
127151-17
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	ND@1	3.2	2.1	2.4
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	- ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1

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CS 461 E

SAMPLE LOCATION	CS 461 E	CS 461 E	CS 461 E	CS 461 E	CS 461 N
SAMPLE DESCRIPTION	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
SAMPLE DATE	07/12/93	07/23/93	08/05/93	08/23/93	07/12/93
LABORATORY SAMPLE I.D.	125517-12	125981-12	126491-19	127151-20	125517-11
SAMPLE RUN NUMBER	01	01	01	01	01
SAMPLE COMMENT CODES					

PARAMETER	UNITS
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BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PH	pH	7.3	NA	NA	NA	7.2
SPECIFIC CONDUCTANCE	umhos/cm	847	NA	NA	NA	742
TEMPERATURE	C	24.7	NA	NA	NA	22.7

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	1.1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	1.5	1.1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

12/01/93

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Third Quarter 1993

CS 461 E

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 461 E
STORM SEWER
07/12/93
125517-12
01

CS 461 E
STORM SEWER
07/23/93
125981-12
01

CS 461 E
STORM SEWER
08/05/93
126491-19
01

CS 461 E
STORM SEWER
08/23/93
127151-20
01

CS 461 N
STORM SEWER
07/12/93
125517-11
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE	ug/l	1.3	1.3	NDa1	NDa1	1.9
TRANS-1,3-DICHLOROPROPENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
TRICHLOROETHYLENE	ug/l	1	NDa1	NDa1	NDa1	1
TRICHLOROFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
VINYL CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Data Report
Third Quarter 1993

CS 461 N

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 461 N
STORM SEWER
07/23/93
125981-11
01

CS 461 N
STORM SEWER
08/05/93
126491-18
01

CS 461 N
STORM SEWER
08/23/93
127151-19
01

CS 462 M
STORM SEWER
07/12/93
125517-23
01

CS 462 M
STORM SEWER
07/23/93
125981-24
01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	CS 461 N	CS 461 N	CS 461 N	CS 462 M	CS 462 M
1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PARAMETER	UNITS	CS 461 N	CS 461 N	CS 461 N	CS 462 M	CS 462 M
PH	PH	NA	NA	NA	7.6	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	128	NA
TEMPERATURE	C	NA	NA	NA	21.8	NA

VOLATILE ORGANICS

PARAMETER	UNITS	CS 461 N	CS 461 N	CS 461 N	CS 462 M	CS 462 M
1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

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CS 461 N

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 461 N
STORM SEWER
07/23/93
125981-11
01

CS 461 N
STORM SEWER
08/05/93
126491-18
01

CS 461 N
STORM SEWER
08/23/93
127151-19
01

CS 462 M
STORM SEWER
07/12/93
125517-23
01

CS 462 M
STORM SEWER
07/23/93
125981-24
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE
TRANS-1,3-DICHLOROPROPENE
TRICHLOROETHYLENE
TRICHLOROFLUOROMETHANE
VINYL CHLORIDE

ug/l
ug/l
ug/l
ug/l
ug/l

ND@1
ND@1
ND@1
2
ND@1

5.2
ND@1
2.6
ND@1
ND@1

5.8
ND@1
2.7
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

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CS 462 M

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 462 M
STORM SEWER
08/05/93
126491-30
01

CS 462 M
STORM SEWER
08/23/93
127151-32
01

CS 462 S
STORM SEWER
07/12/93
125517-22
01

CS 463 E
STORM SEWER
07/23/93
125981-35
01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	CS 462 M	CS 462 M	CS 462 S	CS 463 E
1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PARAMETER	UNITS	CS 462 M	CS 462 M	CS 462 S	CS 463 E
PH	pH	NA	NA	7.8	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	139	NA
TEMPERATURE	C	NA	NA	22.6	NA

VOLATILE ORGANICS

PARAMETER	UNITS	CS 462 M	CS 462 M	CS 462 S	CS 463 E
1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1

12/01/93

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CS 462 M

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 462 M
STORM SEWER
08/05/93
126491-30
01

CS 462 M
STORM SEWER
08/23/93
127151-32
01

CS 462 S
STORM SEWER
07/12/93
125517-22
01

CS 463 E
STORM SEWER
07/23/93
125981-35
01

PARAMETER

UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE
TRANS-1,3-DICHLOROPROPENE
TRICHLOROETHYLENE
TRICHLOROFLUOROMETHANE
VINYL CHLORIDE

ug/L
ug/L
ug/L
ug/L
ug/L

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

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Storm Sewer Data Report
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CS 463 E

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 463 E
STORM SEWER
08/05/93
126491-33
01

CS 463 E
STORM SEWER
08/23/93
127151-35
01

CS 463 E
STORM SEWER
08/23/93
127151-48
01

CS 463 S
STORM SEWER
07/23/93
125981-36
01

CS 463 S
STORM SEWER
08/05/93
126491-34
01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	CS 463 E	CS 463 E	CS 463 E	CS 463 S	CS 463 S
1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PARAMETER	UNITS	CS 463 E	CS 463 E	CS 463 E	CS 463 S	CS 463 S
PH	pH	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA

VOLATILE ORGANICS

PARAMETER	UNITS	CS 463 E	CS 463 E	CS 463 E	CS 463 S	CS 463 S
1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

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CS 463 E

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 463 E
STORM SEWER
08/05/93
126491-33
01

CS 463 E
STORM SEWER
08/23/93
127151-35
01

CS 463 E
STORM SEWER
08/23/93
127151-48
01

CS 463 S
STORM SEWER
07/23/93
125981-36
01

CS 463 S
STORM SEWER
08/05/93
126491-34
01

PARAMETER

UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE
TRANS-1,3-DICHLOROPROPENE
TRICHLOROETHYLENE
TRICHLOROFLUOROMETHANE
VINYL CHLORIDE

ug/l
ug/l
ug/l
ug/l
ug/l

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

7.2
ND@1
1.4
ND@1
ND@1

3.6
ND@1
ND@1
ND@1
ND@1

CS 463 S

CS 466 E
STORM SEWER
08/05/93
126491-04
01

ND@1
ND@1
ND@1
ND@1

NA
NA
NA

[illegible]

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Data Report
Third Quarter 1993

CS 463 S

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 463 S
STORM SEWER
08/23/93
127151-36
01

CS 464 S
STORM SEWER
07/12/93
125517-25
01

CS 466 E
STORM SEWER
07/23/93
125981-41
01

CS 466 E
STORM SEWER
08/05/93
126491-04
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE ug/L
TRANS-1,3-DICHLOROPROPENE ug/L
TRICHLOROETHYLENE ug/L
TRICHLOROFLUOROMETHANE ug/L
VINYL CHLORIDE ug/L

2.1
ND@1
ND@1
ND@1
ND@1

5.2
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Data Report
Third Quarter 1993

CS 466 E

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 466 E
STORM SEWER
08/23/93
127151-04
01

CS 466 S
STORM SEWER
07/23/93
125981-42
01

CS 466 S
STORM SEWER
08/05/93
126491-05
01

CS 466 S
STORM SEWER
08/23/93
127151-05
01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	CS 466 E	CS 466 S	CS 466 S	CS 466 S
1,2-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/l	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PARAMETER	UNITS	CS 466 E	CS 466 S	CS 466 S	CS 466 S
PH	pH	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA

VOLATILE ORGANICS

PARAMETER	UNITS	CS 466 E	CS 466 S	CS 466 S	CS 466 S
1,1,1,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/l	NDa1	5.4	6	4.7
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	NDa1	6.4	6.4	5.5
1,1-DICHLOROETHYLENE	ug/l	NDa1	11	10	8.3
1,2,3-TRICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	1.5	1.4	1.2
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1

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CS 466 E

SAMPLE LOCATION
SAMPLE DESCRIPTION
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SAMPLE COMMENT CODES

CS 466 E
STORM SEWER
08/23/93
127151-04
01

CS 466 S
STORM SEWER
07/23/93
125981-42
01

CS 466 S
STORM SEWER
08/05/93
126491-05
01

CS 466 S
STORM SEWER
08/23/93
127151-05
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/L	ND@1	7.8	8.5	7.4
TRICHLOROFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1

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CS 470 M

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 470 M
STORM SEWER
07/12/93
125517-31
01

CS 470 M
STORM SEWER
07/23/93
125981-47
01

CS 493 S
STORM SEWER
07/23/93
125981-33
01

CS 493 S
STORM SEWER
08/23/93
127151-44
01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	CS 470 M	CS 470 M	CS 493 S	CS 493 S
1,2-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/l	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PARAMETER	UNITS	CS 470 M	CS 470 M	CS 493 S	CS 493 S
PH	pH	7.9	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	374	NA	NA	NA
TEMPERATURE	C	21.6	NA	NA	NA

VOLATILE ORGANICS

PARAMETER	UNITS	CS 470 M	CS 470 M	CS 493 S	CS 493 S
1,1,1,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1

12/01/93

INTERNATIONAL BUSINESS MACHINES CORPORATION

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CS 470 M

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 470 M
STORM SEWER
07/12/93
125517-31
01

CS 470 M
STORM SEWER
07/23/93
125981-47
01

CS 493 S
STORM SEWER
07/23/93
125981-33
01

CS 493 S
STORM SEWER
08/23/93
127151-44
01

PARAMETER

UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE
TRANS-1,3-DICHLOROPROPENE
TRICHLOROETHYLENE
TRICHLOROFLUOROMETHANE
VINYL CHLORIDE

ug/l
ug/l
ug/l
ug/l
ug/l

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

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CS 498 W

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 498 W
STORM SEWER
07/23/93
125981-50
01

CS 498 W
STORM SEWER
08/05/93
126491-48
01

CS 498 W
STORM SEWER
08/23/93
127151-64
01

CS 502 M
STORM SEWER
07/23/93
125981-48
01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	CS 498 W	CS 498 W	CS 498 W	CS 502 M
1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PARAMETER	UNITS	CS 498 W	CS 498 W	CS 498 W	CS 502 M
PH	pH	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA

VOLATILE ORGANICS

PARAMETER	UNITS	CS 498 W	CS 498 W	CS 498 W	CS 502 M
1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	4.5	3.9	3.6	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	1.4	1.4	1.2	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	1.4	1	NDa1	4.3
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1

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CS 498 W

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
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SAMPLE COMMENT CODES

CS 498 W	CS 498 W	CS 498 W
STORM SEWER	STORM SEWER	STORM SEWER
07/23/93	08/05/93	08/23/93
125981-50	126491-48	127151-64
01	01	01

CS 502 M
STORM SEWER
07/23/93
125981-48
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	21	18	17	4.7
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1

**Storm and Surface Water
QA/QC Report**

IBM Mid Hudson Valley - Kingston Site
Storm Sewer QA/QC Data Report
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FIELD BLANK

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

FIELD BLANK	FIELD BLANK	FIELD BLANK	FIELD BLANK	FIELD BLANK	FIELD BLANK
07/12/93	07/19/93	07/20/93	07/23/93	07/23/93	07/29/93
125517-33	125807-32	125807-49	125981-37	125981-19	126178-01
01	01	01	01	01	01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRICHLOROFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
VINYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

12/01/93

INTERNATIONAL BUSINESS MACHINES CORPORATION

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FIELD BLANK

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

FIELD BLANK	FIELD BLANK
08/05/93	08/23/93
126491-60	127151-66
01	01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	08/05/93	08/23/93
1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1

VOLATILE ORGANICS

PARAMETER	UNITS	08/05/93	08/23/93
1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1
TRICHLOROETHYLENE	ug/L	NDa1	NDa1
TRICHLOROFLUOROMETHANE	ug/L	NDa1	NDa1
VINYL CHLORIDE	ug/L	NDa1	NDa1

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TRIP BLANK

SAMPLE LOCATION	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
SAMPLE DESCRIPTION	7/12-7/13/93	7/20/93	7/23/93	7/29/93	8/5/93	8/23/93
SAMPLE DATE	07/12/93	07/20/93	07/23/93	07/29/93	08/05/93	08/23/93
LABORATORY SAMPLE I.D.	125517-32	125807-50	125981-51	126178-02	126491-59	127151-67
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

VOLATILE ORGANICS

PARAMETER	UNITS	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
TRICHLOROFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
VINYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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EXPLANATION OF REPORTING CONVENTIONS AND KEY TO COMMENT CODES

REPORTING CONVENTIONS

NA	Not Analyzed
ND@X	Not Detected at Detection Limit X
BMRL@X	Below Minimum Reporting Limit of X

CODE	EXPLANATION
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^	Non-Standard Measurement Unit
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CS 502 S

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 502 S
STORM SEWER
08/05/93
126491-46
01

CS 502 S
STORM SEWER
08/23/93
127151-62
01

CS 503 M
STORM SEWER
08/23/93
127151-47
01

CS 503 S
STORM SEWER
07/12/93
125517-26
01
B

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	CS 502 S	CS 502 S	CS 503 M	CS 503 S
1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PARAMETER	UNITS	CS 502 S	CS 502 S	CS 503 M	CS 503 S
PH	pH	NA	NA	NA	8.0
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	117
TEMPERATURE	C	NA	NA	NA	20.7

VOLATILE ORGANICS

PARAMETER	UNITS	CS 502 S	CS 502 S	CS 503 M	CS 503 S
1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	2.9	3.2	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1

12/02/93

INTERNATIONAL BUSINESS MACHINES CORPORATION

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CS 502 S

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

CS 502 S
STORM SEWER
08/05/93
126491-46
01

CS 502 S
STORM SEWER
08/23/93
127151-62
01

CS 503 M
STORM SEWER
08/23/93
127151-47
01

CS 503 S
STORM SEWER
07/12/93
125517-26
01
B

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE ug/l
TRANS-1,3-DICHLOROPROPENE ug/l
TRICHLOROETHYLENE ug/l
TRICHLOROFLUOROMETHANE ug/l
VINYL CHLORIDE ug/l

ND@1
ND@1
3.5
ND@1
ND@1

ND@1
ND@1
3.7
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

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ES-1

SAMPLE LOCATION	ES-1	ES-1	ES-2	ES-2
SAMPLE DESCRIPTION	SURFACE	SURFACE	SURFACE	SURFACE
SAMPLE DATE	08/05/93	08/23/93	08/05/93	08/23/93
LABORATORY SAMPLE I.D.	126491-49	127151-53	126491-50	127151-54
SAMPLE RUN NUMBER	01	01	01	01
SAMPLE COMMENT CODES				

PARAMETER	UNITS
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BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/l	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1
CHLORO BENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1

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INTERNATIONAL BUSINESS MACHINES CORPORATION

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ES-1

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

ES-1
SURFACE
08/05/93
126491-49
01

ES-1
SURFACE
08/23/93
127151-53
01

ES-2
SURFACE
08/05/93
126491-50
01

ES-2
SURFACE
08/23/93
127151-54
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE ug/l
TRANS-1,3-DICHLOROPROPENE ug/l
TRICHLOROETHYLENE ug/l
TRICHLOROFLUOROMETHANE ug/l
VINYL CHLORIDE ug/l

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

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ES-3

SAMPLE LOCATION	ES-3	ES-3	OUTFALL 001	OUTFALL 001	OUTFALL 001
SAMPLE DESCRIPTION	SURFACE	SURFACE	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL
SAMPLE DATE	08/05/93	08/23/93	07/23/93	08/05/93	08/23/93
LABORATORY SAMPLE I.D.	126491-51	127151-55	125981-49	126491-47	127151-63
SAMPLE RUN NUMBER	01	01	01	01	01
SAMPLE COMMENT CODES					

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	ES-3	ES-3	OUTFALL 001	OUTFALL 001	OUTFALL 001
1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PARAMETER	UNITS	ES-3	ES-3	OUTFALL 001	OUTFALL 001	OUTFALL 001
PH	pH	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA

VOLATILE ORGANICS

PARAMETER	UNITS	ES-3	ES-3	OUTFALL 001	OUTFALL 001	OUTFALL 001
1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	4.4	2.9	2.8
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

12/02/93

INTERNATIONAL BUSINESS MACHINES CORPORATION

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ES-3

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

ES-3
SURFACE
08/05/93
126491-51
01

ES-3
SURFACE
08/23/93
127151-55
01

OUTFALL 001
SPDES OUTFL
07/23/93
125981-49
01

OUTFALL 001
SPDES OUTFL
08/05/93
126491-47
01

OUTFALL 001
SPDES OUTFL
08/23/93
127151-63
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE ug/L
TRANS-1,3-DICHLOROPROPENE ug/L
TRICHLOROETHYLENE ug/L
TRICHLOROFLUOROMETHANE ug/L
VINYL CHLORIDE ug/L

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
4.8
ND@1
ND@1

ND@1
ND@1
4.1
ND@1
ND@1

ND@1
ND@1
3.7
ND@1
ND@1

IBM Mid Hudson Valley - Kingston Site
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OUTFALL 001A

SAMPLE LOCATION	OUTFALL 001A	OUTFALL 001A	OUTFALL 001A	OUTFALL 001A	OUTFALL 001B
SAMPLE DESCRIPTION	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL
SAMPLE DATE	07/20/93	07/23/93	08/05/93	08/23/93	07/20/93
LABORATORY SAMPLE I.D.	125807-44	125981-32	126491-40	127151-43	125807-45
SAMPLE RUN NUMBER	01	01	01	01	01
SAMPLE COMMENT CODES					

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	OUTFALL 001A	OUTFALL 001A	OUTFALL 001A	OUTFALL 001A	OUTFALL 001B
1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PARAMETER	UNITS	OUTFALL 001A	OUTFALL 001A	OUTFALL 001A	OUTFALL 001A	OUTFALL 001B
PH	PH	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA

VOLATILE ORGANICS

PARAMETER	UNITS	OUTFALL 001A	OUTFALL 001A	OUTFALL 001A	OUTFALL 001A	OUTFALL 001B
1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

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Third Quarter 1993

OUTFALL 001A

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

OUTFALL 001A
SPDES OUTFL
07/20/93
125807-44
01

OUTFALL 001A
SPDES OUTFL
07/23/93
125981-32
01

OUTFALL 001A
SPDES OUTFL
08/05/93
126491-40
01

OUTFALL 001A
SPDES OUTFL
08/23/93
127151-43
01

OUTFALL 001B
SPDES OUTFL
07/20/93
125807-45
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1

IBM Mid Hudson Valley - Kingston Site
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OUTFALL 002

SAMPLE LOCATION	OUTFALL 002	OUTFALL 002	OUTFALL 002	OUTFALL 002	OUTFALL 002	OUTFALL 002
SAMPLE DESCRIPTION	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL
SAMPLE DATE	07/12/93	07/19/93	07/19/93	07/19/93	07/20/93	07/23/93
LABORATORY SAMPLE I.D.	125517-19	125807-09	125807-16	125807-29	125807-41	125981-40
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PH	pH	7.6	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	661	NA	NA	NA	NA	NA
TEMPERATURE	C	20.0	NA	NA	NA	NA	NA

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/l	2.9	NDa1	5.8	NDa1	2.1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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OUTFALL 002

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

OUTFALL 002 SPDES OUTFL	OUTFALL 002 SPDES OUTFL	OUTFALL 002 SPDES OUTFL	OUTFALL 002 SPDES OUTFL	OUTFALL 002 SPDES OUTFL	OUTFALL 002 SPDES OUTFL
07/12/93	07/19/93	07/19/93	07/19/93	07/20/93	07/23/93
125517-19	125807-09	125807-16	125807-29	125807-41	125981-40
01	01	01	01	01	01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1

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OUTFALL 002

SAMPLE LOCATION	OUTFALL 002	OUTFALL 002	OUTFALL 003	OUTFALL 003	OUTFALL 003
SAMPLE DESCRIPTION	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL
SAMPLE DATE	08/05/93	08/23/93	07/12/93	07/19/93	07/19/93
LABORATORY SAMPLE I.D.	126491-03	127151-03	125517-02	125807-02	125807-15
SAMPLE RUN NUMBER	01	01	01	01	01
SAMPLE COMMENT CODES					

PARAMETER	UNITS
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BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYLVINYL ETHER	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PH	pH	NA	NA	7.8	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	1610	NA	NA
TEMPERATURE	C	NA	NA	18.7	NA	NA

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/l	NDa1	NDa1	4.4	4.7	3.3
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	NDa1	NDa1	4.8	5.2	3.9
1,1-DICHLOROETHYLENE	ug/l	NDa1	NDa1	7	5.1	5.1
1,2,3-TRICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	NDa1	1.2	1.2	NDa1
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1

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OUTFALL 002

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

OUTFALL 002
SPDES OUTFL
08/05/93
126491-03
01

OUTFALL 002
SPDES OUTFL
08/23/93
127151-03
01

OUTFALL 003
SPDES OUTFL
07/12/93
125517-02
01

OUTFALL 003
SPDES OUTFL
07/19/93
125807-02
01

OUTFALL 003
SPDES OUTFL
07/19/93
125807-15
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE
TRANS-1,3-DICHLOROPROPENE
TRICHLOROETHYLENE
TRICHLOROFLUOROMETHANE
VINYL CHLORIDE

ug/L
ug/L
ug/L
ug/L
ug/L

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
5.8
ND@1
ND@1

ND@1
ND@1
6.8
ND@1
ND@1

ND@1
ND@1
5.2
ND@1
ND@1

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OUTFALL 003

SAMPLE LOCATION	OUTFALL 003	OUTFALL 003	OUTFALL 003	OUTFALL 003	OUTFALL 003
SAMPLE DESCRIPTION	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL
SAMPLE DATE	07/19/93	07/20/93	07/23/93	08/05/93	08/23/93
LABORATORY SAMPLE I.D.	125807-28	125807-34	125981-39	126491-02	127151-02
SAMPLE RUN NUMBER	01	01	01	01	01
SAMPLE COMMENT CODES					

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYLVINYL ETHER	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/l	1.2	3.8	3.8	4.2	3.8
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	1.5	4.7	4.5	4.7	4.3
1,1-DICHLOROETHYLENE	ug/l	2.2	6.9	6.8	7.4	6.1
1,2,3-TRICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	1.1	1	1	1.2
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1

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OUTFALL 003

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

OUTFALL 003 SPDES OUTFL 07/19/93 125807-28 01	OUTFALL 003 SPDES OUTFL 07/20/93 125807-34 01	OUTFALL 003 SPDES OUTFL 07/23/93 125981-39 01	OUTFALL 003 SPDES OUTFL 08/05/93 126491-02 01	OUTFALL 003 SPDES OUTFL 08/23/93 127151-02 01
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PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/L	2	6	5.5	5.4	5.8
TRICHLOROFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1

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OUTFALL 004

SAMPLE LOCATION	OUTFALL 004	OUTFALL 004	OUTFALL 004	OUTFALL 004	OUTFALL 004	OUTFALL 004
SAMPLE DESCRIPTION	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL
SAMPLE DATE	07/12/93	07/19/93	07/19/93	07/19/93	07/20/93	07/23/93
LABORATORY SAMPLE I.D.	125517-01	125807-01	125807-14	125807-27	125807-33	125981-38
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	OUTFALL 004	OUTFALL 004	OUTFALL 004	OUTFALL 004	OUTFALL 004	OUTFALL 004
		SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL
1,2-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PARAMETER	UNITS	OUTFALL 004	OUTFALL 004	OUTFALL 004	OUTFALL 004	OUTFALL 004	OUTFALL 004
		SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL
PH	pH	7.9	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	4080	NA	NA	NA	NA	NA
TEMPERATURE	C	17.6	NA	NA	NA	NA	NA

VOLATILE ORGANICS

PARAMETER	UNITS	OUTFALL 004	OUTFALL 004	OUTFALL 004	OUTFALL 004	OUTFALL 004	OUTFALL 004
		SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL
1,1,1,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHXANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1	NDa1

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OUTFALL 004

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

OUTFALL 004	OUTFALL 004	OUTFALL 004	OUTFALL 004	OUTFALL 004	OUTFALL 004
SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL
07/12/93	07/19/93	07/19/93	07/19/93	07/20/93	07/23/93
125517-01	125807-01	125807-14	125807-27	125807-33	125981-38
01	01	01	01	01	01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1

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OUTFALL 004

SAMPLE LOCATION	OUTFALL 004	OUTFALL 004	TR1-1	TR1-1	TR1-1
SAMPLE DESCRIPTION	SPDES OUTFL	SPDES OUTFL	SURFACE	SURFACE	SURFACE
SAMPLE DATE	08/05/93	08/23/93	07/23/93	08/05/93	08/23/93
LABORATORY SAMPLE I.D.	126491-01	127151-01	125981-34	126491-43	127151-65
SAMPLE RUN NUMBER	01	01	01	01	01
SAMPLE COMMENT CODES					

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PH	pH	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1	NDa1

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OUTFALL 004

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

OUTFALL 004
SPDES OUTFL
08/05/93
126491-01
01

OUTFALL 004
SPDES OUTFL
08/23/93
127151-01
01

TR1-1
SURFACE
07/23/93
125981-34
01

TR1-1
SURFACE
08/05/93
126491-43
01

TR1-1
SURFACE
08/23/93
127151-65
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE
TRANS-1,3-DICHLOROPROPENE
TRICHLOROETHYLENE
TRICHLOROFLUOROMETHANE
VINYL CHLORIDE

ug/l
ug/l
ug/l
ug/l
ug/l

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

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TR1-2

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

TR1-2
SURFACE
07/29/93
126178-03
01

TR1-2
SURFACE
08/05/93
126491-52
01

TR1-2
SURFACE
08/23/93
127151-56
01

TR1-3
SURFACE
07/29/93
126178-04
01

TR1-3
SURFACE
08/05/93
126491-53
01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	TR1-2	TR1-2	TR1-2	TR1-3	TR1-3
1,2-DICHLOROBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
2-CHLOROETHYL VINYL ETHER	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1

INDICATOR PARAMETERS

PARAMETER	UNITS	TR1-2	TR1-2	TR1-2	TR1-3	TR1-3
PH	pH	NA	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA

VOLATILE ORGANICS

PARAMETER	UNITS	TR1-2	TR1-2	TR1-2	TR1-3	TR1-3
1,1,1,2-TETRACHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
4-CHLOROTOLUENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
BENZYL CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
METHYLENE CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1

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TR1-2

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

TR1-2
SURFACE
07/29/93
126178-03
01

TR1-2
SURFACE
08/05/93
126491-52
01

TR1-2
SURFACE
08/23/93
127151-56
01

TR1-3
SURFACE
07/29/93
126178-04
01

TR1-3
SURFACE
08/05/93
126491-53
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE ug/l
TRANS-1,3-DICHLOROPROPENE ug/l
TRICHLOROETHYLENE ug/l
TRICHLOROFLUOROMETHANE ug/l
VINYL CHLORIDE ug/l

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

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TR1-3

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

TR1-3
SURFACE
08/23/93
127151-57
01

TR1-4
SURFACE
08/05/93
126491-54
01

TR1-4
SURFACE
08/23/93
127151-58
01

TR2-1
SURFACE
07/23/93
12981-01
01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

PARAMETER	UNITS	TR1-3	TR1-4	TR1-4	TR2-1
1,2-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/l	NDa1	NDa1	NDa1	NDa1

INDICATOR PARAMETERS

PARAMETER	UNITS	TR1-3	TR1-4	TR1-4	TR2-1
PH	pH	NA	NA	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA

VOLATILE ORGANICS

PARAMETER	UNITS	TR1-3	TR1-4	TR1-4	TR2-1
1,1,1,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	1.2
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	1.3
1,1-DICHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1	1.6
1,2,3-TRICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/l	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/l	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/l	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/l	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/l	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/l	NDa1	NDa1	NDa1	NDa1

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TR1-3

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

TR1-3
SURFACE
08/23/93
127151-57
01

TR1-4
SURFACE
08/05/93
126491-54
01

TR1-4
SURFACE
08/23/93
127151-58
01

TR2-1
SURFACE
07/23/93
12981-01
01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	1.6
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1

TR2-1

TR2-2
SURFACE
08/23/93
127151-60
01

BASE/NEUTRAL EXTRACTABLES

ND01
ND01
ND01
ND01

NA
NA
NA[illegible]

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TR2-1

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

TR2-1
SURFACE
08/05/93
126491-55
01

TR2-1
SURFACE
08/23/93
127151-59
01

TR2-2
SURFACE
08/05/93
126491-56
01

TR2-2
SURFACE
08/23/93
127151-60
01

PARAMETER

UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE
TRANS-1,3-DICHLOROPROPENE
TRICHLOROETHYLENE
TRICHLOROFLUOROMETHANE
VINYL CHLORIDE

ug/L
ug/L
ug/L
ug/L
ug/L

ND@1
ND@1
1.4
ND@1
ND@1

ND@1
ND@1
ND@1
ND@1
ND@1

ND@1
ND@1
2
ND@1
ND@1

ND@1
ND@1
2.2
ND@1
ND@1

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TR2-3

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

TR2-3	TR2-3
SURFACE	SURFACE
08/05/93	08/23/93
126491-57	127151-61
01	01

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES

1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1

INDICATOR PARAMETERS

PH	pH	NA	NA
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA
TEMPERATURE	C	NA	NA

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1

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TR2-3

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

TR2-3	TR2-3
SURFACE	SURFACE
08/05/93	08/23/93
126491-57	127151-61
01	01

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

TETRACHLOROETHYLENE	ug/L	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@1	ND@1
TRICHLOROETHYLENE	ug/L	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/L	ND@1	ND@1
VINYL CHLORIDE	ug/L	ND@1	ND@1

IBM Mid Hudson Valley - Kingston Site
Storm Sewer Data Report
Third Quarter 1993

EXPLANATION OF REPORTING CONVENTIONS AND KEY TO COMMENT CODES

REPORTING CONVENTIONS

NA	Not Analyzed
ND@X	Not Detected at Detection Limit X
BMRL@X	Below Minimum Reporting Limit of X

CODE	EXPLANATION
^	Non-Standard Measurement Unit

APPENDIX E

Sampling Program Letter Report to NYSDEC November 2, 1993

November 24, 1993

Mr. John Sansalone
New York State Department of
Environmental Conservation
21 South Putt Corners Road
New Paltz, New York 12561

Re: IBM Kingston Facility - Stormwater System Assessment

Dear Mr. Sansalone:

This letter presents the results of the investigation undertaken by IBM to characterize the dry weather flows in the stormwater systems at the Kingston facility. As I reported to you on May 17, 1993 dry weather flow was observed in some of the stormwater systems at the site and sampling results indicated low levels ($< 10 \mu\text{g}/\ell$) of volatile organics at two outfalls. As we agreed, IBM initiated an investigation to identify and characterize the sources of the flows and the contaminants.

Scope of Investigations

The scope of the investigations included a comprehensive review and correlation of site drawings and field inspections; sampling of the systems during dry and wet weather; and analysis of results including comparisons with available groundwater data. Table 1 summarizes the sampling events and the number of individual points sampled during each event. The number of points sampled progressively increased during the study and included sampling in the drainage systems downstream of the stormwater outfalls and in the Esopus Creek.

Figure 1 shows the layout of the storm drain systems at the site. There are three main drainage systems which serve the portion of the site on the east side of Neighborhood Road, and a smaller system on the west side of the road which serves the southwest parking lot. Figure 1 provides details of the stormwater systems with all manholes and catch basins identified by a confined space number (CS XXX). All stormwater system sampling locations are denoted by a confined space number and an approximate direction (N, S, E, W) indicating flow direction entering the manhole or catch basin. Surface water sampling locations are also shown on Figure 1.

The results of the investigations, discussed in detail below, confirm the presence of low levels ($< 10 \mu\text{g}/\ell$) of some volatile organic chemicals in dry weather flows at three stormwater outfalls. The source of the dry weather flows is infiltration of groundwater to various segments of the stormwater system.

TABLE 1

**IBM MID HUDSON VALLEY
KINGSTON STORMWATER SYSTEM
SAMPLING EVENT SUMMARY**

<i>DATE</i>	<i>WEATHER</i>	<i>SAMPLING LOCATIONS</i>	
6/25/93	Dry	Initial sampling outfalls and available system points	total = 23
7/12/93	Wet (AM)/Dry (PM)	Outfalls and system points	total = 30
7/19/93	Wet	Outfalls (3x) and selected system points	total = 22
7/20/93	Dry	Follow-up to July 19th; outfalls and system points	total = 16
7/23/93	Dry	Tribs, outfalls and system points - added accessible points	total = 50
8/5/93	Dry	Tribs (+ Esopus), outfalls and system points	total = 58
8/23/93	Dry	Tribs (+ Espous), outfalls and system points (w/groundwater survey)	total = 65

The volatile organic chemicals found in the samples within each system segment are consistent with those reported to NYSDEC from the site groundwater investigations. As you are aware, there has been an extensive groundwater investigation ongoing at the site and groundwater studies are continuing under the RCRA corrective action program.

Results and Discussion

General Description

Referring to Figure 1, the three primary stormwater systems are identified as the 42 inch diameter system which drains the southern portion of the site to Outfall 3 (OF3), the 30 inch diameter system which drains the central portion of the site to Outfall 2 (OF2), and the 60 inch diameter system which drains the northeast area to Outfall 1 (OF1). The outfall from the 60 inch system (OF1) discharges to an unnamed tributary to the north of the site. The 30 inch and the 42 inch outfalls (OF2 and OF3), discharge to an unnamed tributary of the Esopus at the center of the site. The additional stormwater system from the southwest parking lot (OF4) discharges to the same tributary as OF2 and OF3. Results of the study of each of the systems are discussed below.

42 Inch Storm System

The results of the dry weather sampling in the 42 inch storm system are summarized in Figures 2 and 3. Figure 2 presents the results of samples taken from flows in the main trunk line as well as from the drainage ditch below the outfall. Figure 3 presents results of samples collected from laterals entering the system's main trunk.

The concentration data from the main trunk flows in Figure 2 show the infiltration of contaminants occurring between CS419 and OF3. As previously mentioned, the chemistry associated with the infiltration is consistent with groundwater data from the same area. The data for the main trunk segments upstream of CS419 show low ($< 5 \mu\text{g}/\ell$) or less than detection limit levels. Our investigation shows that a substantial portion of the total outfall flow infiltrates downstream of CS419, particularly during the higher infiltration flows observed at the beginning of the investigation.

Figure 3 shows the detected concentrations in the laterals (laterals with no detections are not shown). The contribution at 425N shows the same chemistry as in the lower portion of the main trunk and is attributed to the same groundwater source. The tetrachloroethene (PCE) detected in the laterals entering the eastern portion of the trunk is also reported in the groundwater in that area. The flows in these laterals are extremely low (less than 1.0 gpm), and no PCE was detected in any samples from the main trunk flows or at the outfall from this system.

Figure 2

IBM MHV - KINGSTON STORM SEWER SURVEY
42 INCH SYSTEM - MAIN TRUNK
AVERAGE DRY WEATHER RESULTS

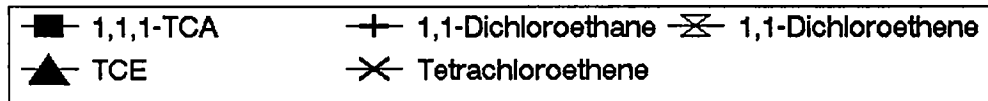
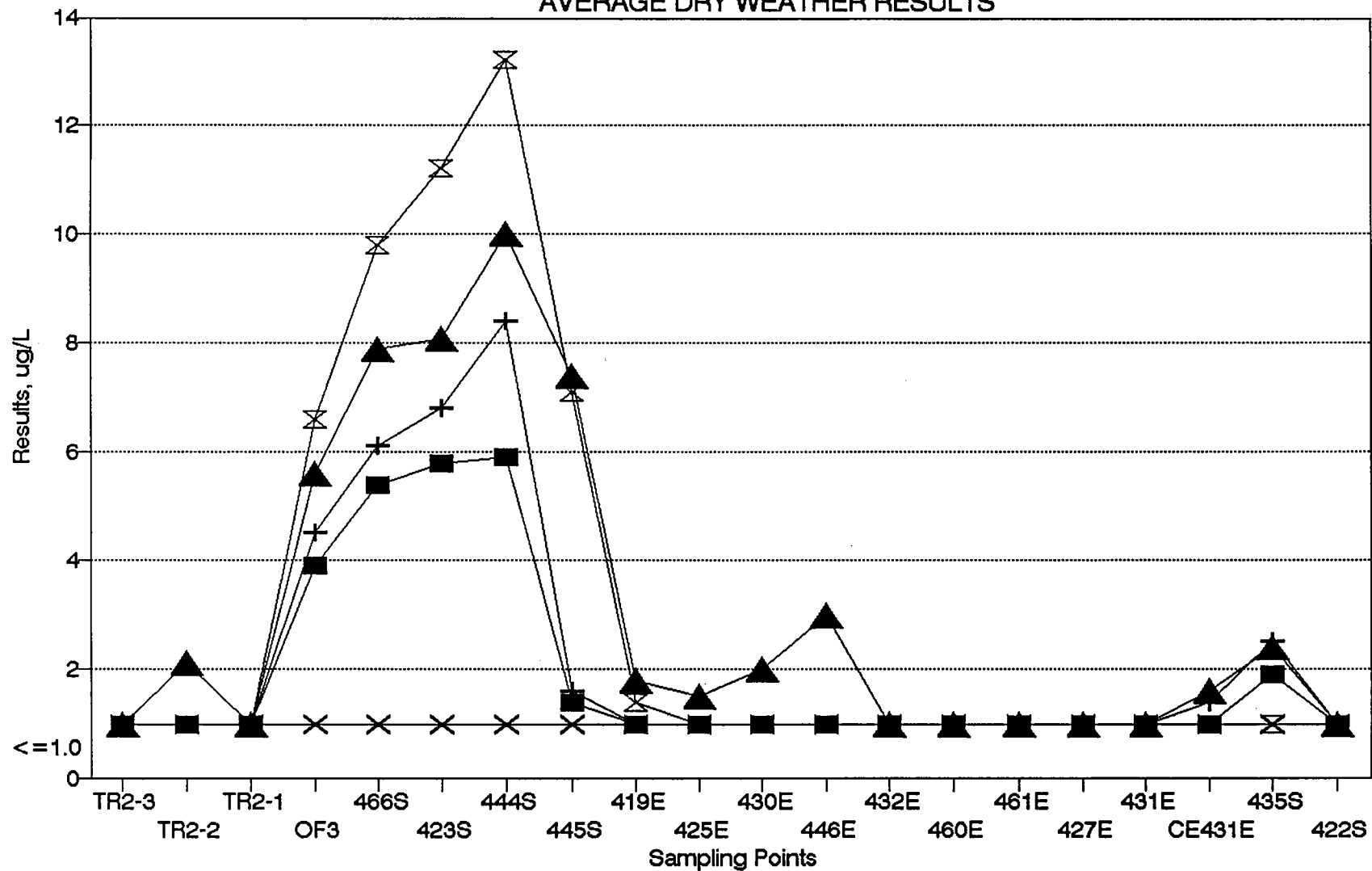


Figure 3

IBM MHV - KINGSTON STORM SEWER SURVEY
42 INCH SYSTEM - LATERALS
AVERAGE DRY WEATHER RESULTS

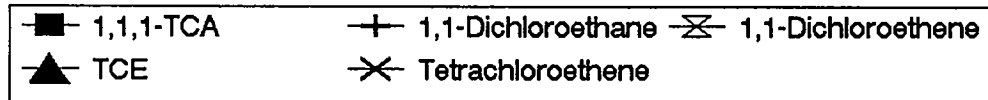
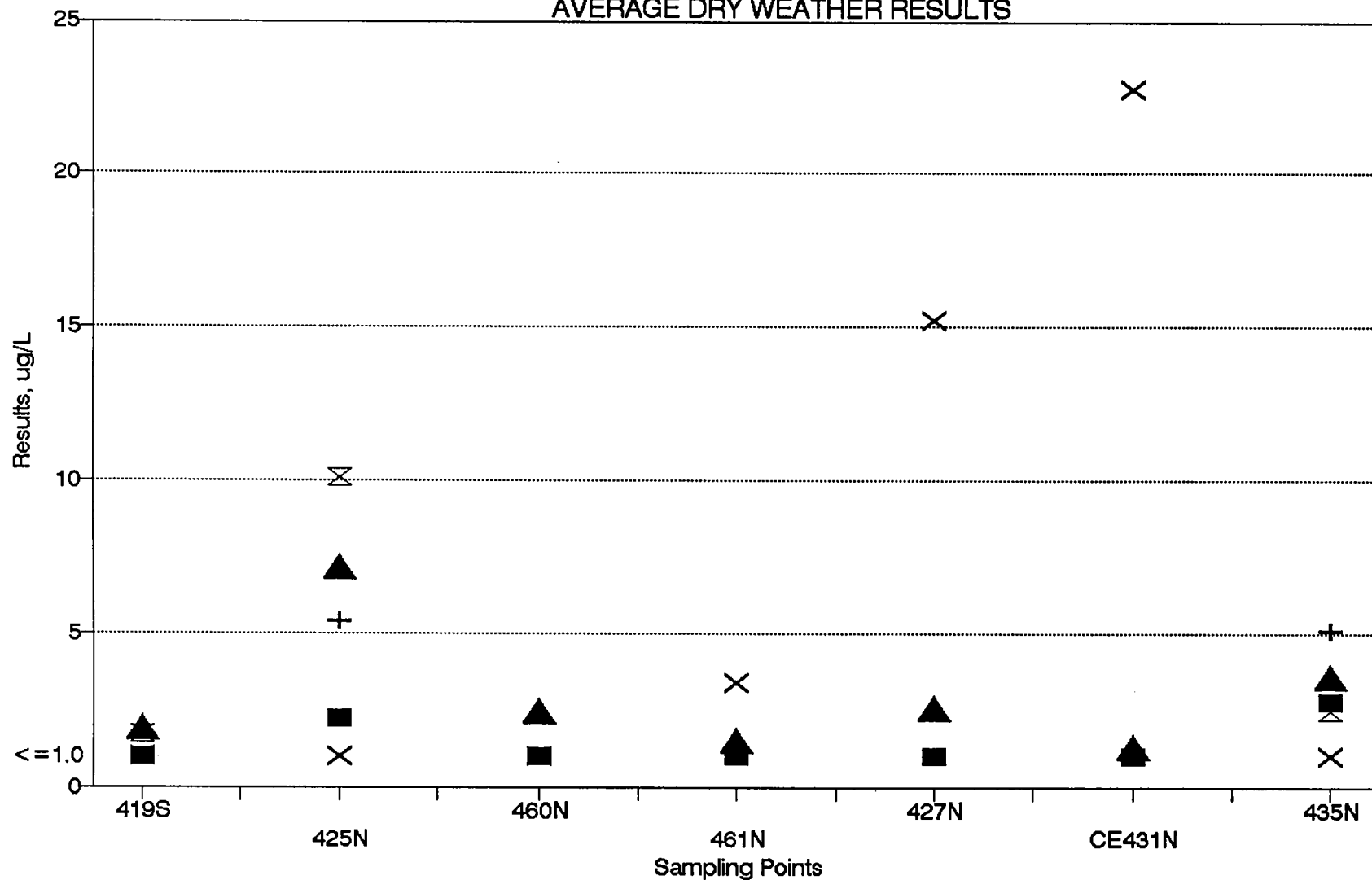


Figure 4 shows all the individual sample results from sampling point OF3 and the corresponding flow rates. Four compounds were detected at low level ($< 7.5 \mu\text{g}/\ell$). Figure 4 also demonstrates that the low chemical concentrations remained constant during all dry weather sampling, while storm runoff results in dilution of these compounds within the storm system. The decreasing dry weather flows over the study period are attributed to decreasing groundwater elevation and thus decreasing infiltration rates.

Concentrations at sampling point TR2-1 in the drainage ditch immediately downstream of OF2 and OF3 were all below $2 \mu\text{g}/\ell$. At sampling point TR2-2, located downstream of OF4, TCE was detected twice at 2.0 and $2.2 \mu\text{g}/\ell$ respectively.

The results of the wet weather sampling in the 42 inch system are given in Figures 5 and 6. Figure 5 shows results of multiple samples at OF3 over the rainfall event as well as single samples collected along the upstream main trunk. Figure 6 shows the data from samples collected in the laterals during runoff. As discussed above, the outfall data show progressive dilution resulting from increasing runoff flows. The main trunk data show only two detections with a maximum of $2 \mu\text{g}/\ell$ of TCE at CS419. The data from the laterals show PCE at two of the same laterals discussed above. Flow observations showed only a small increase in the dry weather flow, indicating minimal runoff flow in these laterals at the time of the sampling. PCE was not detected in any of the outfall samples during the storm sampling.

60 Inch Storm System

Results of dry weather sampling in the 60 inch storm system (OF1) are given in Figure 7. Only locations where levels above detection limits were found are included on Figure 7; results from all other sampled points were below detection limits. All individual sample results from the outfall were less than $5 \mu\text{g}/\ell$ for the two constituents detected, TCE and 1,2 DCE. No chemicals were detected in any of the tributary samples below the outfall.

Figure 7 shows slightly increasing concentrations of TCE and DCE in 60 inch the system at CS448, which indicates that the pipe segments in that area are subject to infiltration of groundwater known to contain the two chemicals. The declining concentrations between CS448 and the outfall may indicate additional infiltration of clean groundwater. Flow measurements obtained in the 60 inch system were visual estimates and dry weather flows were less than 10 to 20 gpm in the main trunk.

The results on Figure 7 also show groundwater chemistry contributions to the storm system in the area of buildings B003 and B005N. The PCE detected at CS463 and CS464 is attributed to the same groundwater source as that previously discussed for the laterals in the 42 inch system. Flows associated with the PCE concentrations were extremely low ($< 0.5 \text{ gpm}$) and no PCE was detected in the main trunk or at the outfall of the 60 inch system. Results of samples from the segment of the 60 inch system entering CS400 from the east had no detections.

Figure 4

IBM MHV - KINGSTON STORM SEWER SURVEY
42 INCH SYSTEM
OUTFALL RESULTS

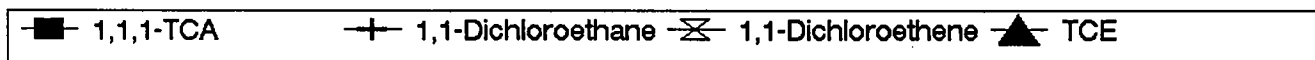
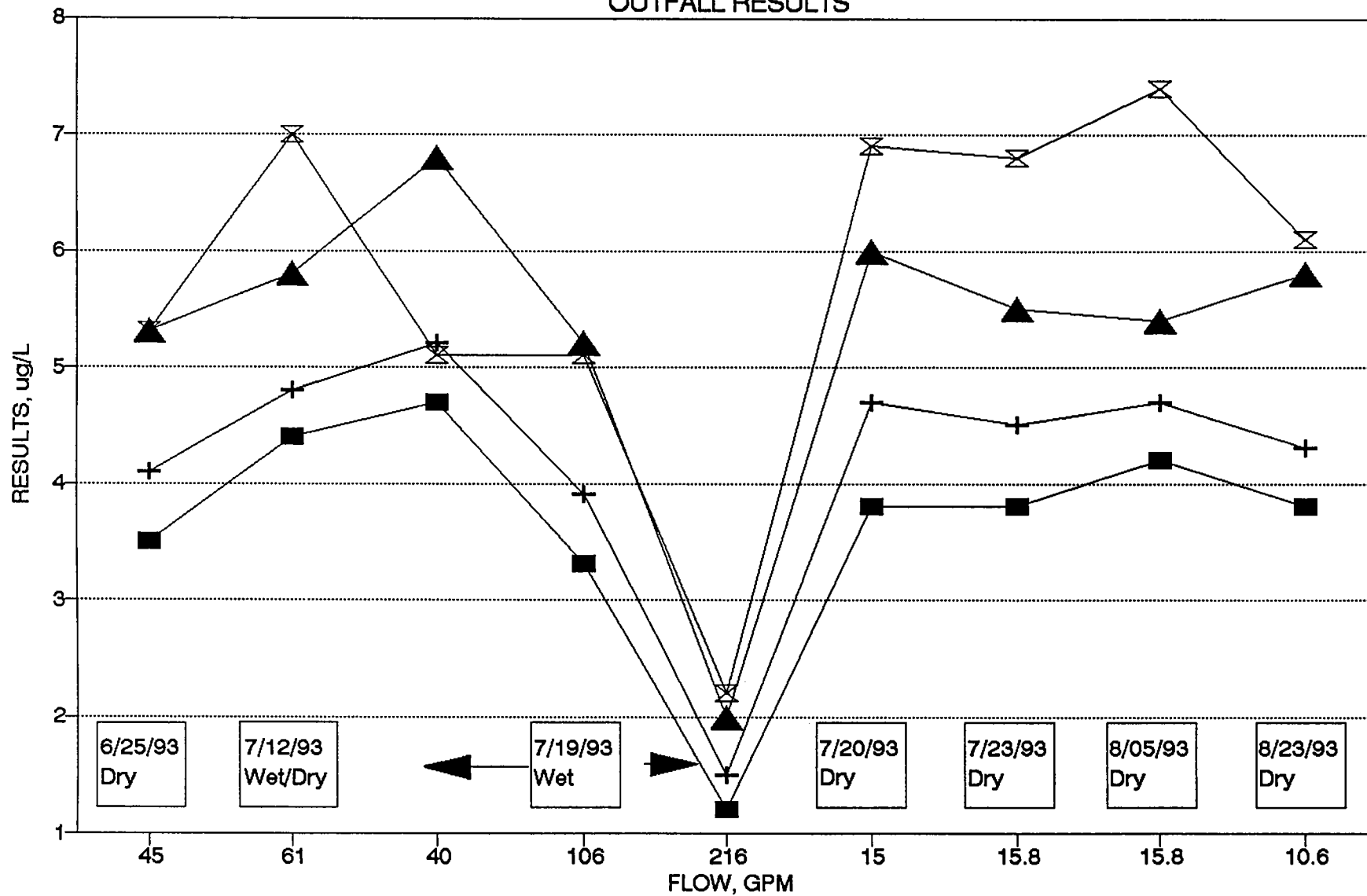


Figure 5

IBM MHV - KINGSTON STORM SEWER SURVEY
42 INCH SYSTEM WET WEATHER EVENT
MAIN TRUNK

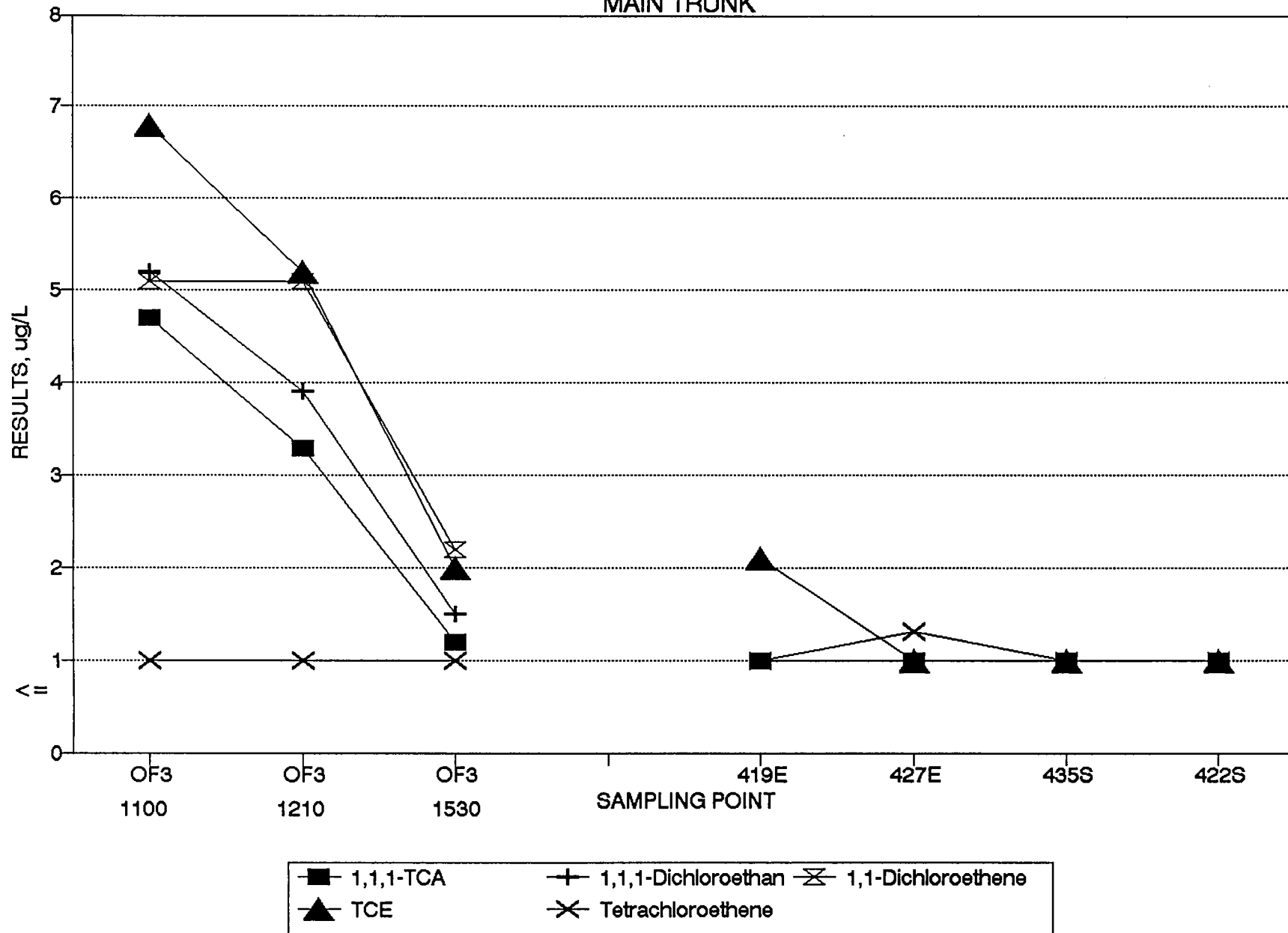


Figure 6

IBM MHV - KINGSTON STORM SEWER SURVEY
42 INCH OUTFALL WET WEATHER EVENT

LATERALS

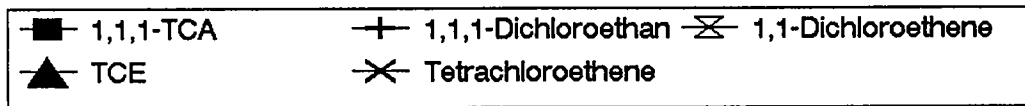
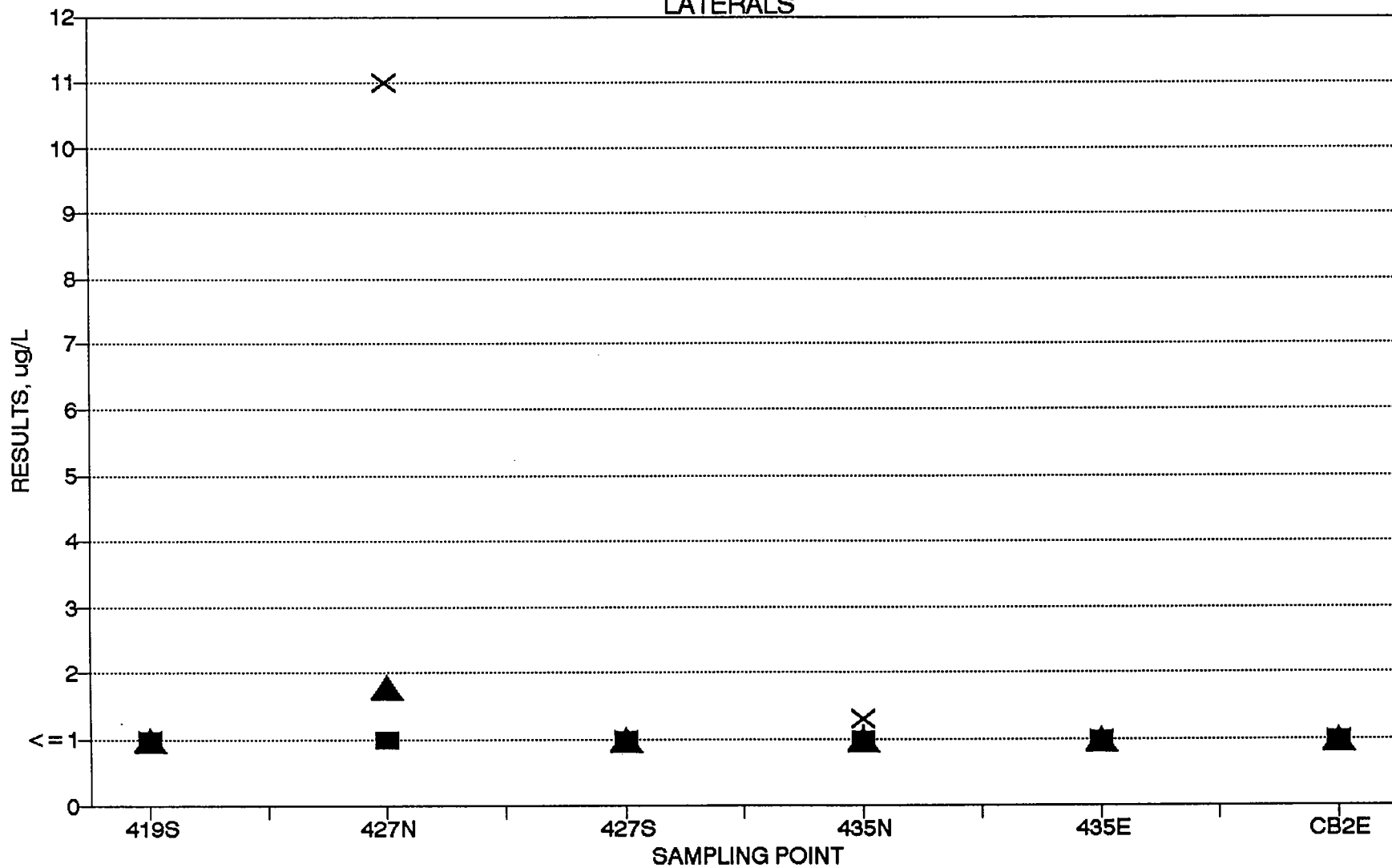


Figure 7

IBM MHV - KINGSTON STORM SEWER SURVEY
60 INCH SYSTEM

AVERAGE DRY WEATHER RESULTS

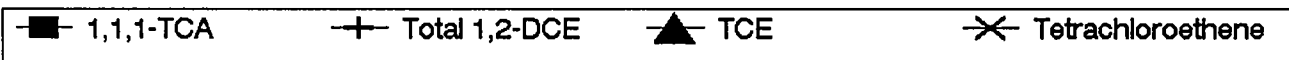
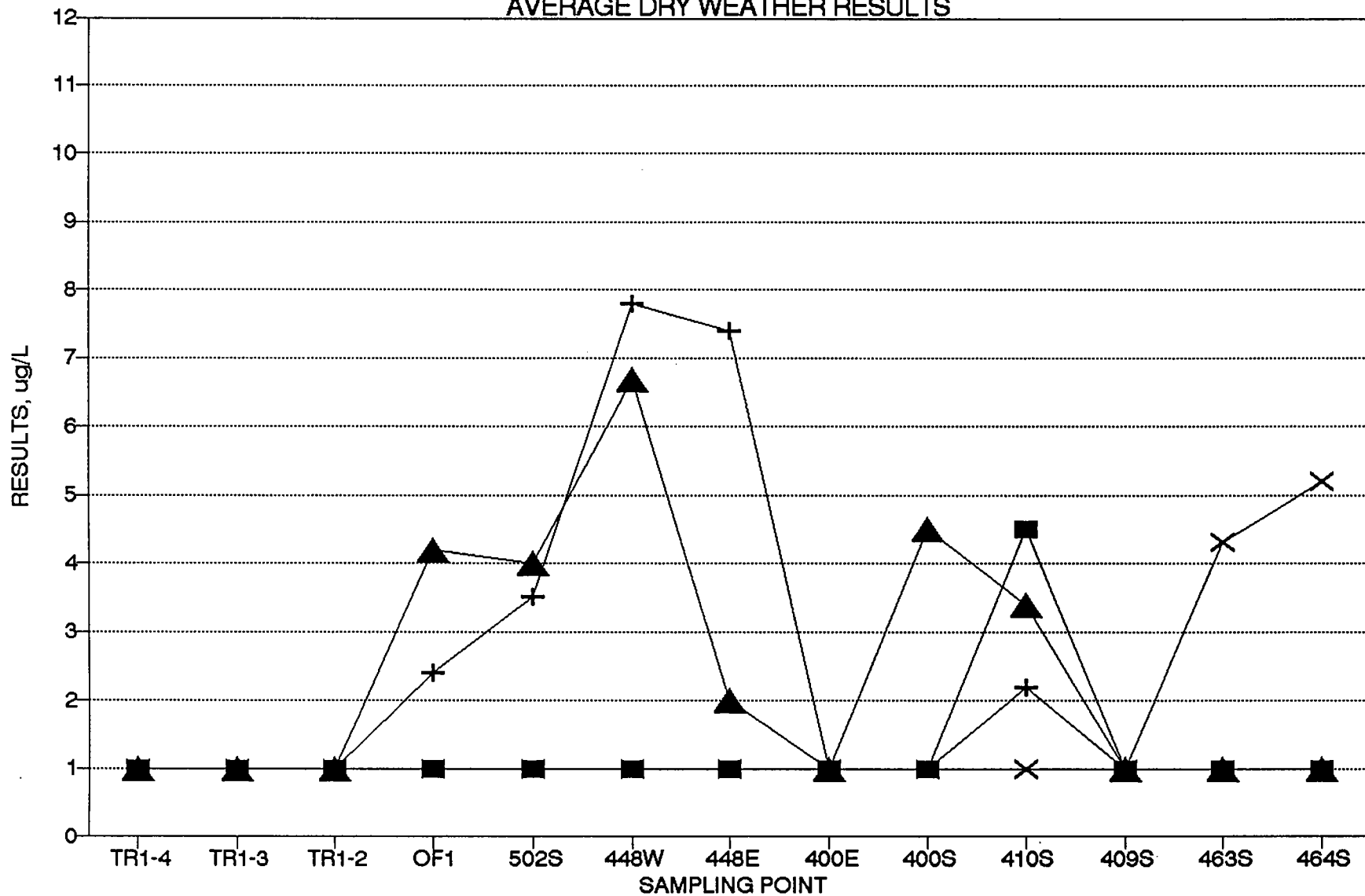


Figure 8 shows the results of the wet weather sampling in the 60 inch system. Outfall samples could not be collected at the time of the storm sampling because the outfall location was inaccessible. Note that multiple data points are shown for CS400E and CS400S, which represent samples collected over the same rain event. Data from the other locations are single samples. The results show TCE at a maximum of $6.2 \mu\text{g}/\ell$ entering the main trunk at CS400S. A TCE value of $43 \mu\text{g}/\ell$ was detected at CS409W, indicating the segment north of B003 as the probable source of the TCE at CS400S.

30 Inch Storm System

The 30 inch storm system which drains the central portion of the site had only minimal dry weather flow at sample point OF2 during the investigation and generally only standing water at upstream locations. Dry weather flow at the outfall was 5 gpm or less over the study period (six sampling dates). 111 TCA was detected in two of the six outfall samples at 2.9 and $2.1 \mu\text{g}/\ell$. No other chemicals were detected at the outfall or at any point upstream. Wet weather sampling showed similar results, with 111 TCA found in one out of three outfall samples at $5.8 \mu\text{g}/\ell$, but no other detections in upstream portions of the system. The absence of significant dry weather flow in the 30 inch system is most likely due to pipe elevations above the normal groundwater level.

Additional Minor Storm Systems

Two additional minor stormwater systems with dry weather flow were identified and sampled. The storm system draining the large parking lot in the southwest portion of the site (OF4) was sampled five times and all results were below detection limits. There was also a small drainage system from the IWTP area which included both a series of catch basins and an underdrain system which was installed as part of the lined lagoon previously located at the IWTP. The lagoon was closed and removed in 1985.

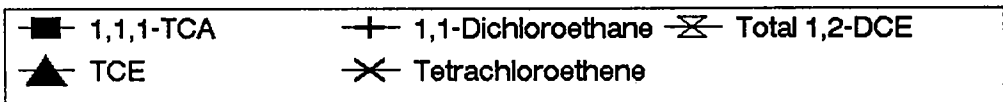
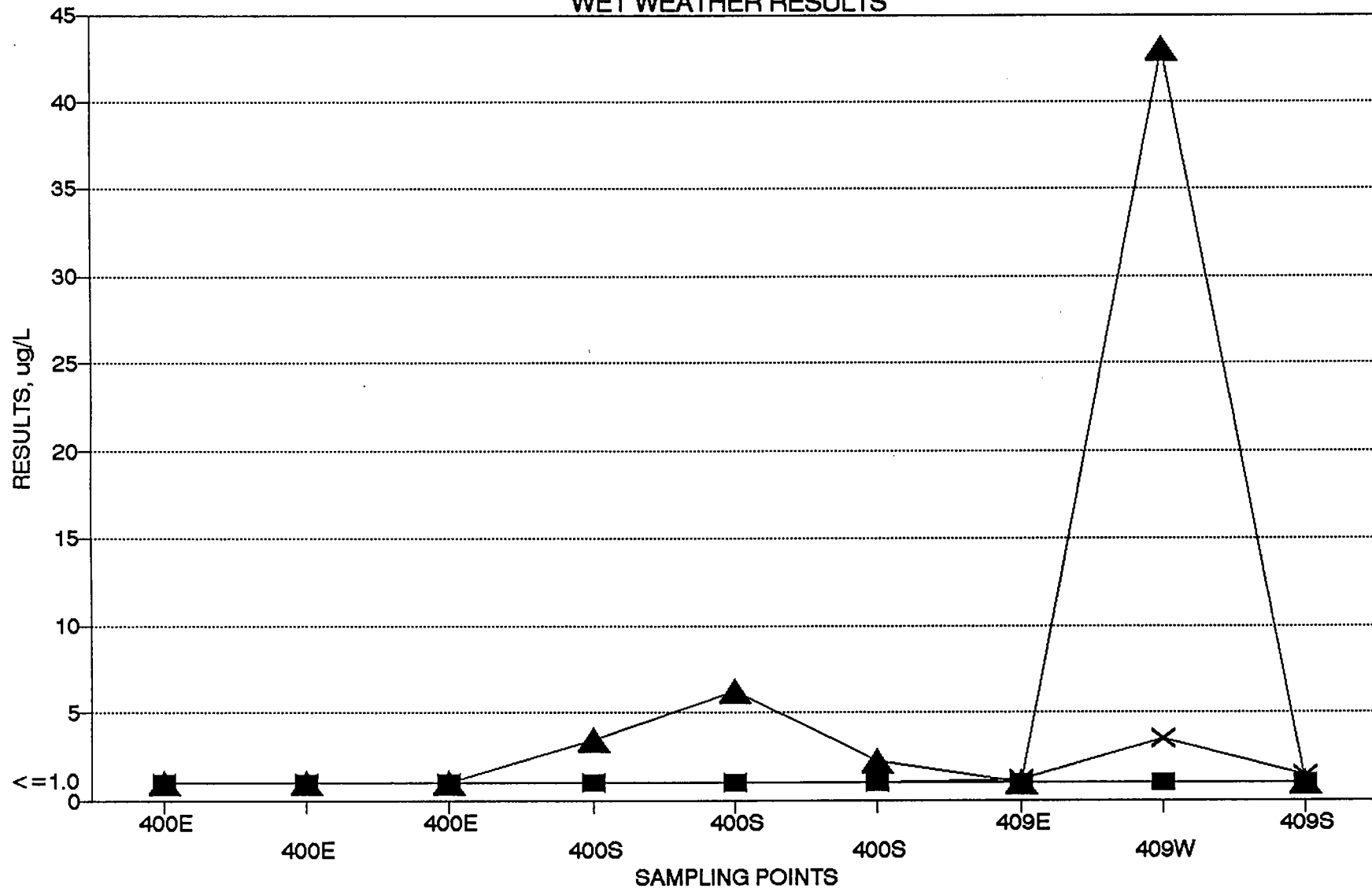
The discharge point of the system was submerged in the stream so samples were collected from one of the upstream catch basins (CS498). CS498 is the junction point for the underdrain system and the catch basin system. No dry weather flow was observed in the catch basin system, which is at a higher elevation than the underdrain system and above groundwater.

During the study, low flow was observed from the underdrain system. Results from three sampling events for the underdrain system showed TCE at 17 to $21 \mu\text{g}/\ell$, 111 TCA at 3.6 to $4.5 \mu\text{g}/\ell$, 111 DCA at 1.2 to $1.4 \mu\text{g}/\ell$, and 1,2 DCE at <1.0 to $1.4 \mu\text{g}/\ell$. As indicated above, sampling from the small tributary, downstream of the IW storm system outfall detected only TCE at <1.0 to $2.2 \mu\text{g}/\ell$.

Subsequent to the study, IBM determined that the underdrain system was no longer necessary since the lined lagoon had been removed. The underdrain system was sealed in place and the stormwater outfall connection from CS498 to the stream was completely removed. The runoff drainage from the small catch basin system has been directed to the low lying area west of CS498. Therefore, the surface water discharge from the IWTP area and the dry weather groundwater infiltration have been eliminated.

Figure 8

IBM MHV - KINGSTON STORM SEWER SURVEY
60 INCH SYSTEM
WET WEATHER RESULTS



Summary

Based on the results of the investigation, dry weather flows in the stormwater systems at the Kingston site are attributed to groundwater infiltration from various areas of the site. The chemicals detected in the stormwater systems are consistent with those reported from the ongoing groundwater investigations. Concentrations of organics detected in dry weather flows at the three main stormwater outfalls (OF1, OF2 and OF3) were all less than 10 $\mu\text{g}/\ell$. No chemicals were detected at OF4 and the IWTP storm outfall has been eliminated by the removal of the discharge line and sealing of the underdrain system.

Sampling of the surface waters receiving the stormwater system discharges found no chemicals in the tributary on the north side of the site. Low concentrations ($< 2.2 \mu\text{g}/\ell$) of some organic chemicals were detected in the small tributary which drains the central and southern portions of the site (OF2, OF3 and OF4), but no detections were at or near any water quality standards or guidance values.

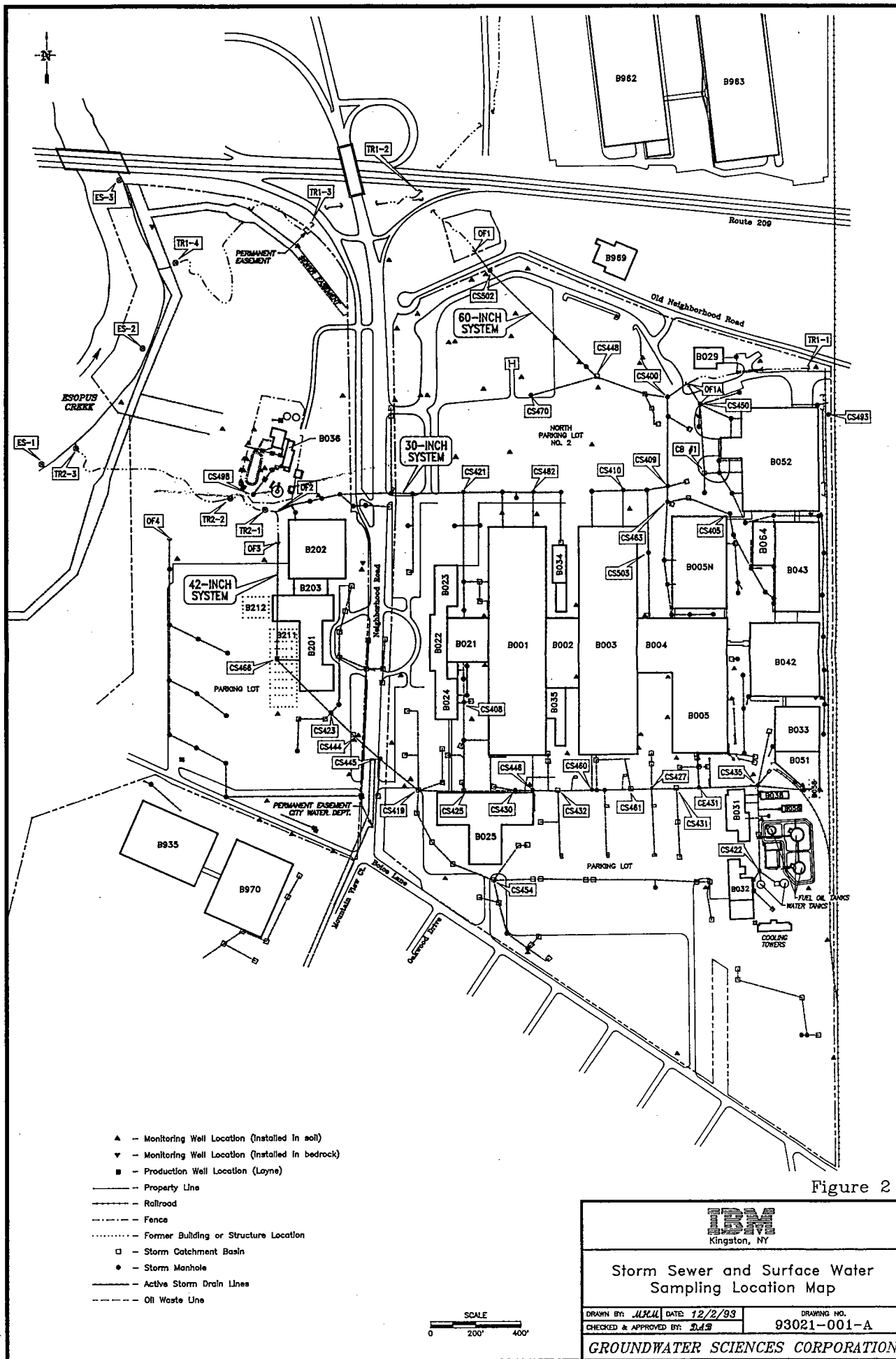
As you are aware, the Kingston site is currently finalizing a corrective action investigation with NYSDEC under RCRA. The investigation includes the stormwater system. Implementation of the corrective action investigation will provide additional data from the stormwater system and analysis of the interaction between groundwater and the stormwater system.

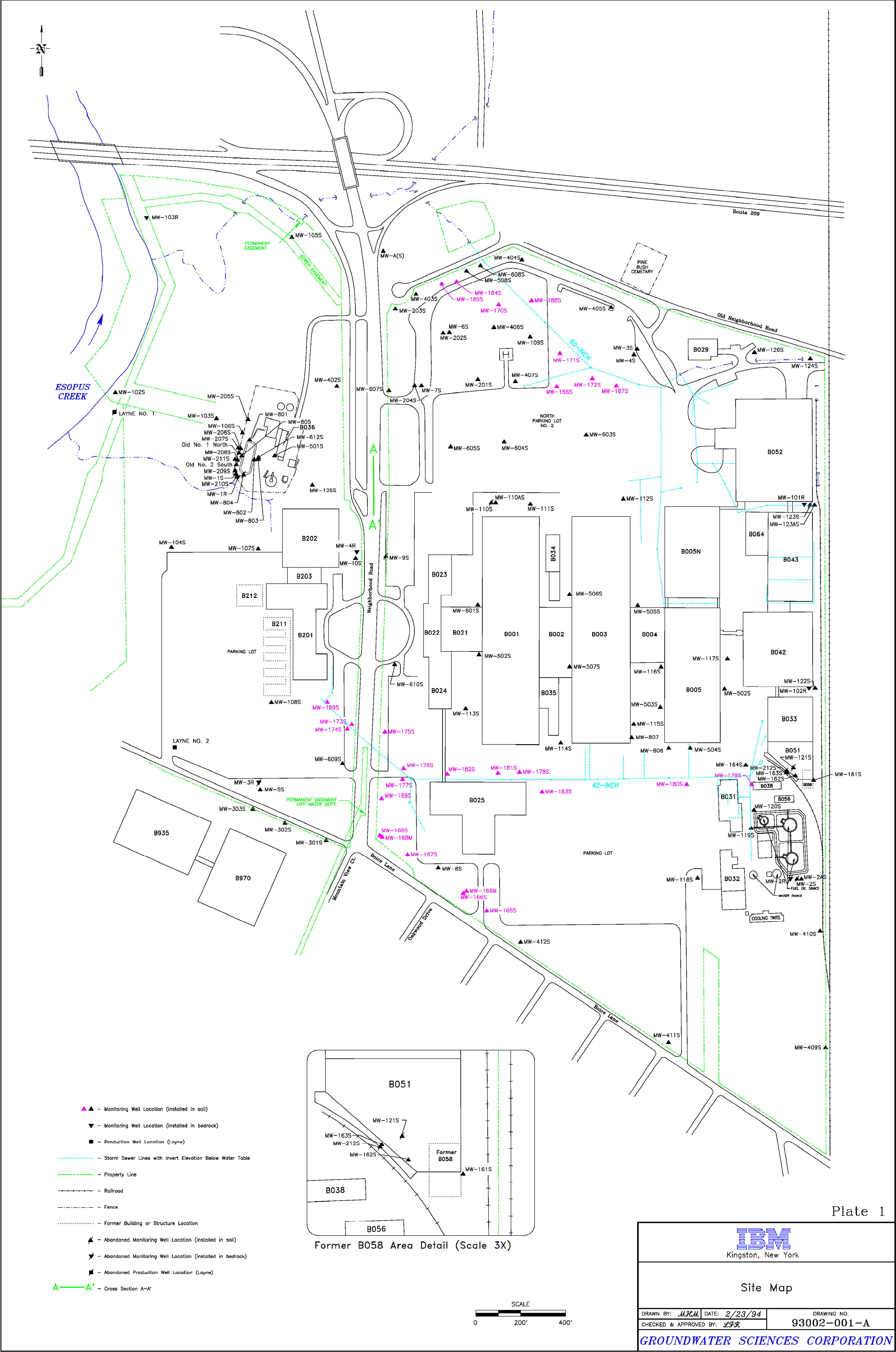
The outfalls from the Kingston stormwater system were included in a Notice of Intent (submitted on September 27, 1993) under New York State's General Permit program. Since the NYS General Permit may not cover the contaminated groundwater component when it is present at the stormwater outfalls, IBM requests clarification from NYSDEC as to whether additional SPDES applications are necessary for some of the outfalls based on the current information.

If you have any questions or require additional information, please call me at (914) 433-1509.

Very truly yours,

Steve Brannen





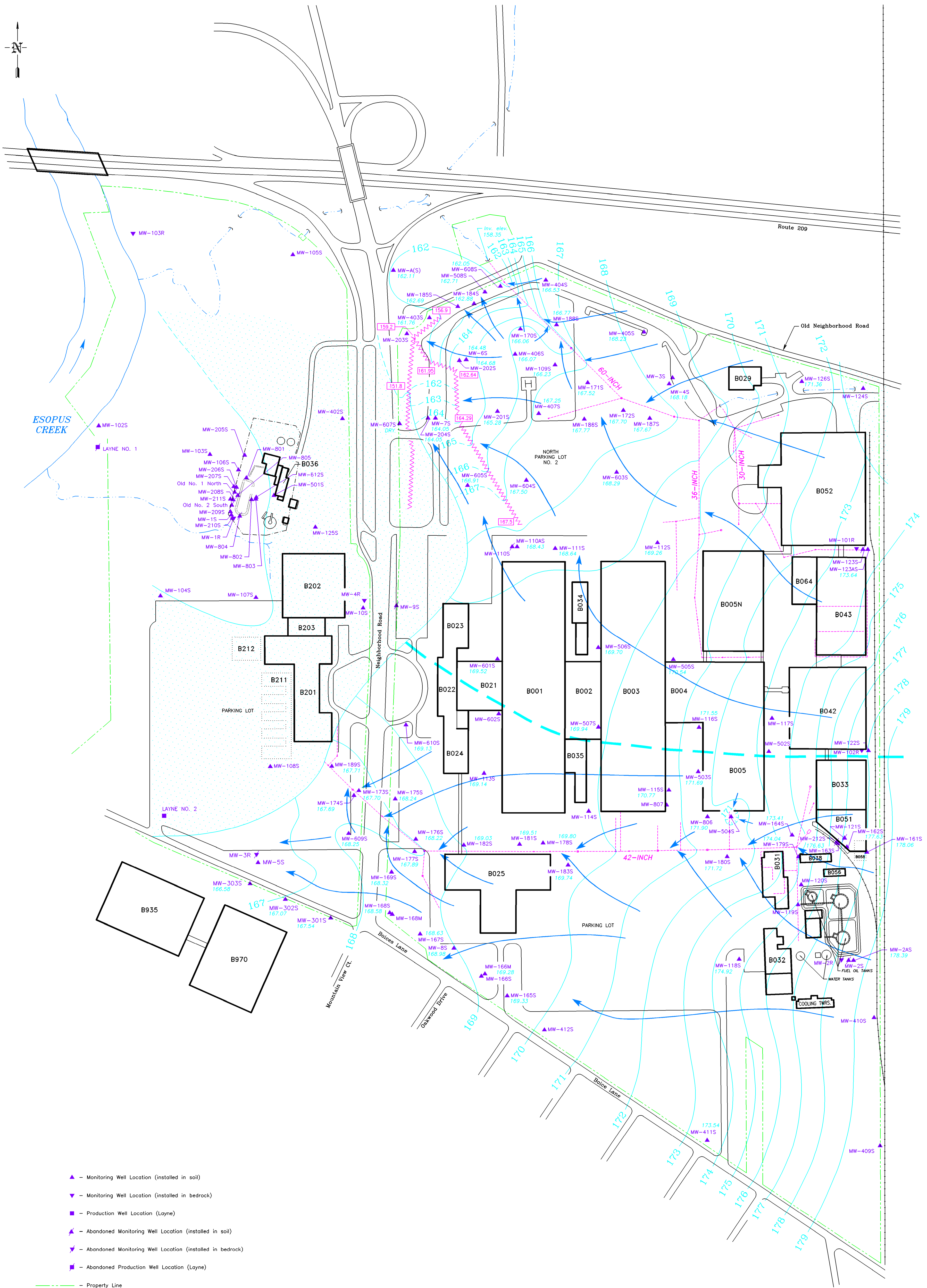
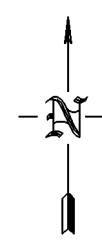


Plate 2

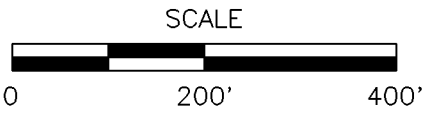


Groundwater Elevation Contour Map
January 25, 1994

DRAWN BY: *MM* DATE: *2/25/94*
CHECKED & APPROVED BY: *LMJ/LFR*

DRAWING NO.
93002-038-A

GROUNDWATER SCIENCES CORPORATION



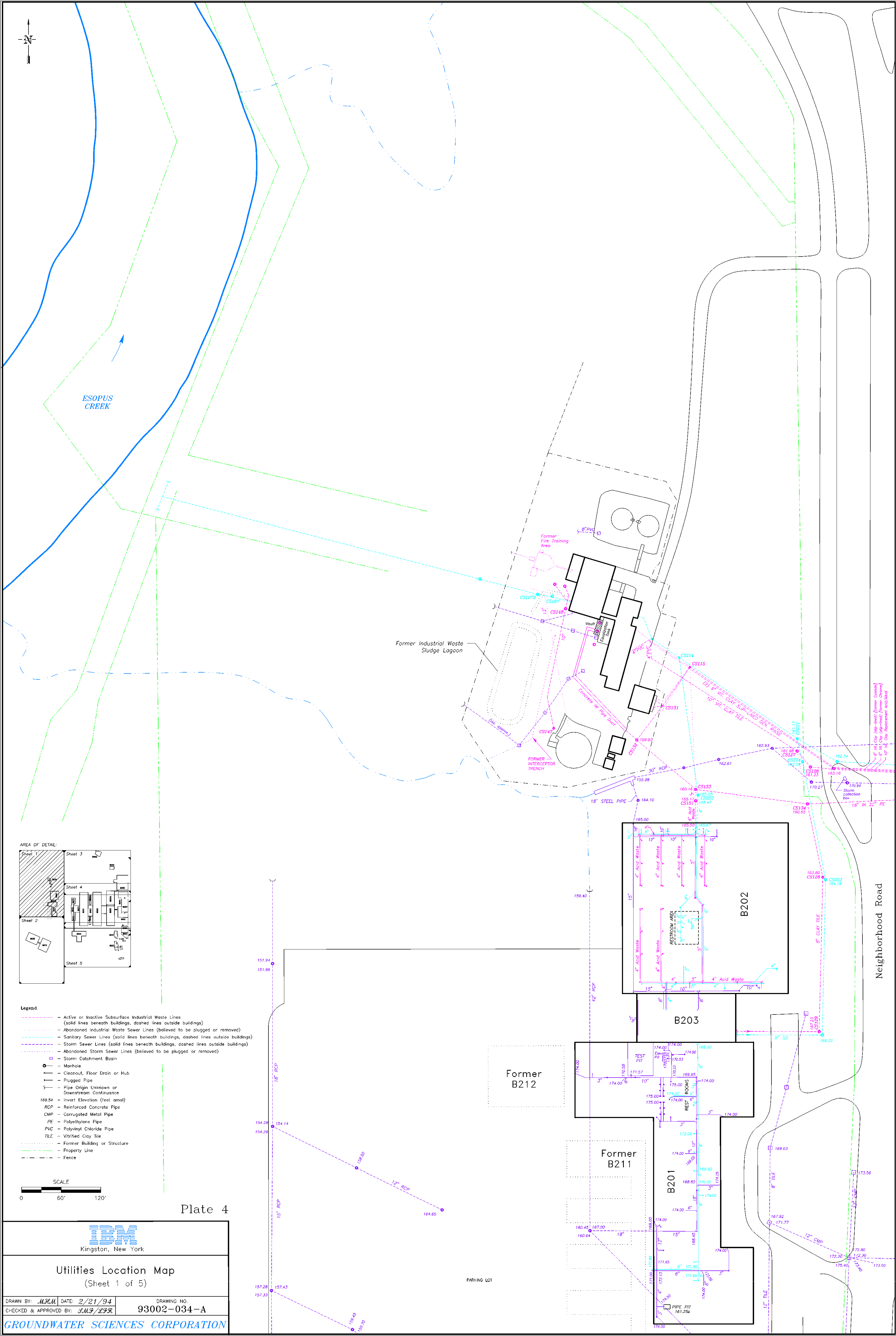


Plate 4

IBM
Kingston, New York

Utilities Location Map
(Sheet 1 of 5)

DRAWN BY: *MJM* DATE: 2/21/94
CHECKED & APPROVED BY: *JMJ/EFB*

DRAWING NO.
93002-034-A

GROUNDWATER SCIENCES CORPORATION

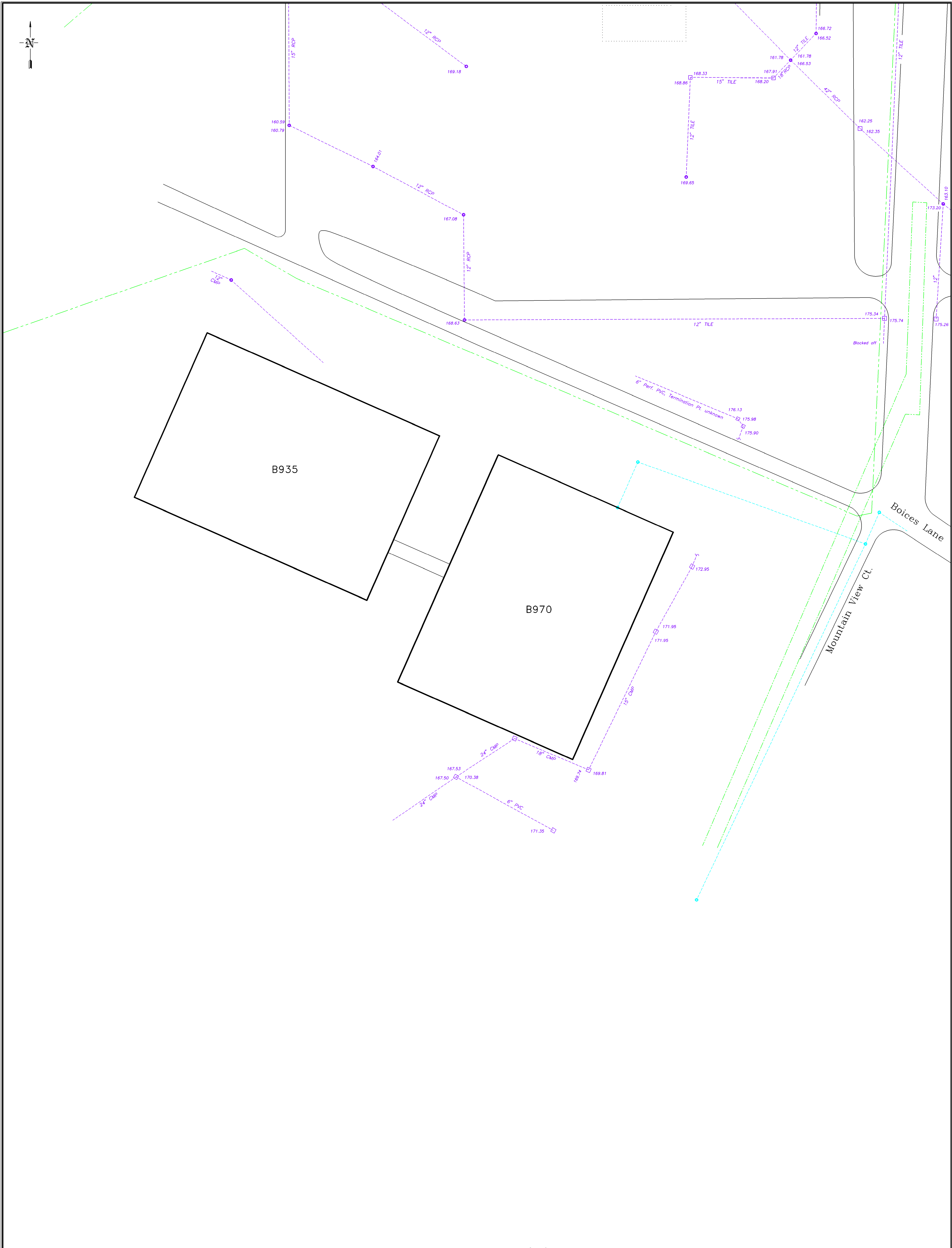



Plate 5



Kingston, New York

Utilities Location Map

(Sheet 2 of 5)

DRAWN BY: *M.H.M.*

DATE: *2/22/94*

CHECKED & APPROVED BY: *J.M.B./E.F.R.*

DRAWING NO. **93002-034-B**

GROUNDWATER SCIENCES CORPORATION

Legend

- Sanitary Sewer Lines
- Storm Sewer Lines
- Storm Catchment Basin
- Manhole
- Removed Manhole
- Cleanout, Floor Drain or Hub
- Plugged Pipe
- Pipe Origin Unknown or Downstream Continuation
- Invert Elevation (feet amsl)
- RCP - Reinforced Concrete Pipe
- CMP - Corrugated Metal Pipe
- PVC - Polyvinyl Chloride Pipe
- PP - Polypropylene Pipe
- CI - Cast Iron Pipe
- TILE - Vitrified Clay Tile Pipe
- Former Building or Structure
- Property Line



Legend

- Active or Inactive Subsurface Industrial Waste Lines (solid lines beneath buildings, dashed lines outside buildings)
- Abandoned Industrial Waste Sewer Lines (believed to be plugged or removed)
- Overhead Active Industrial Waste Sewer Line (location approximate)
- Sanitary Sewer Lines (solid lines beneath buildings, dashed lines outside buildings)
- Active Groundwater Collection System
- Storm Sewer Lines (solid lines beneath buildings, dashed lines outside buildings)
- Abandoned Storm Sewer Lines (believed to be plugged or removed)
- Storm Catchment Basin
- Storm Sewer Lines (solid lines beneath buildings, dashed lines outside buildings)
- Cleanout, Floor Drain or Hub
- Plugged Pipe
- Pipe Origin Unknown or Downstream Continuance
- Invert Elevation (feet amsl)
- RCP - Reinforced Concrete Pipe
- CMP - Corrugated Metal Pipe
- PE - Polyethylene Pipe
- PVC - Polyvinyl Chloride Pipe
- PP - Polypropylene Pipe
- CI - Cast Iron Pipe
- Property Line
- Railroad

SCALE
0 60' 120'

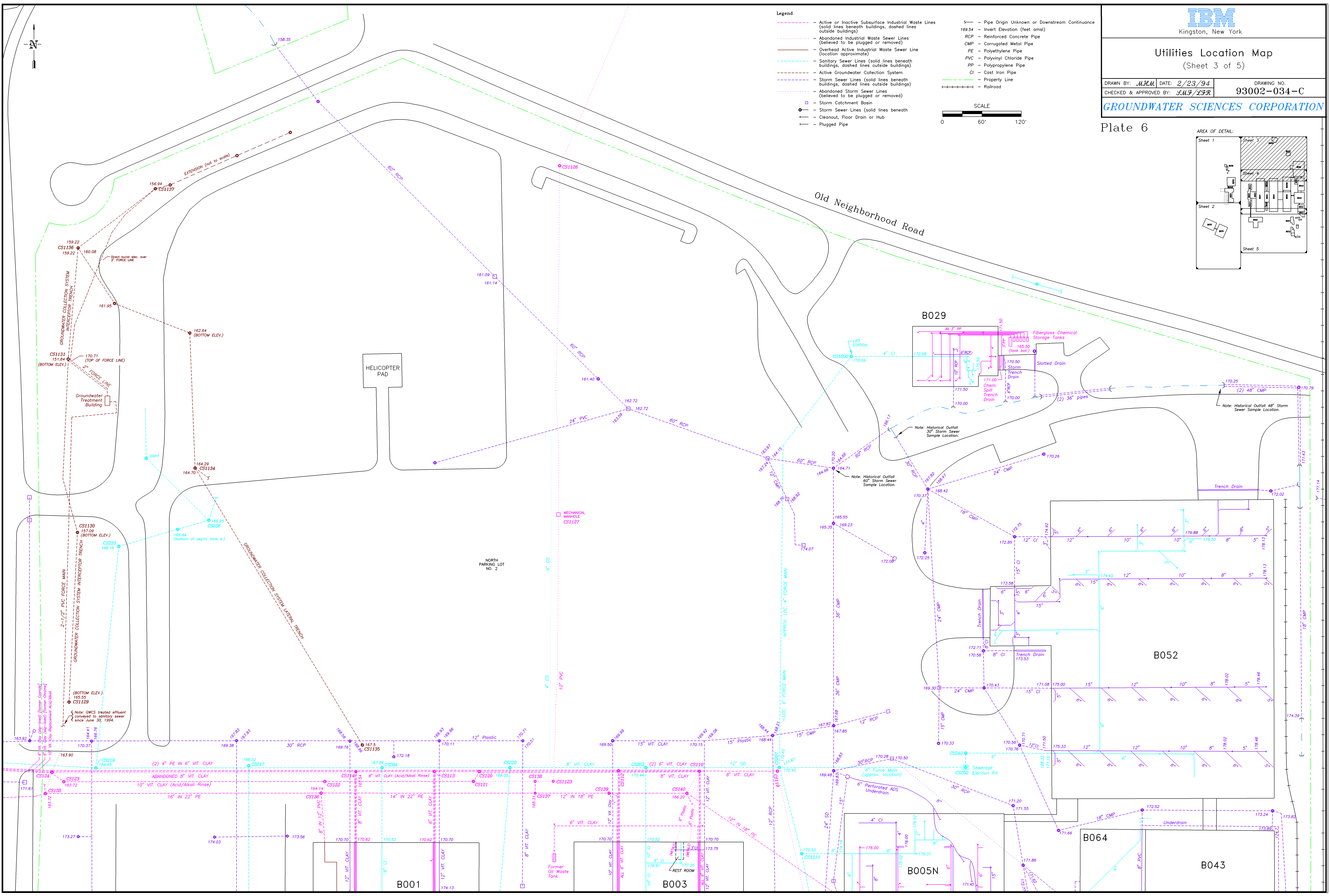
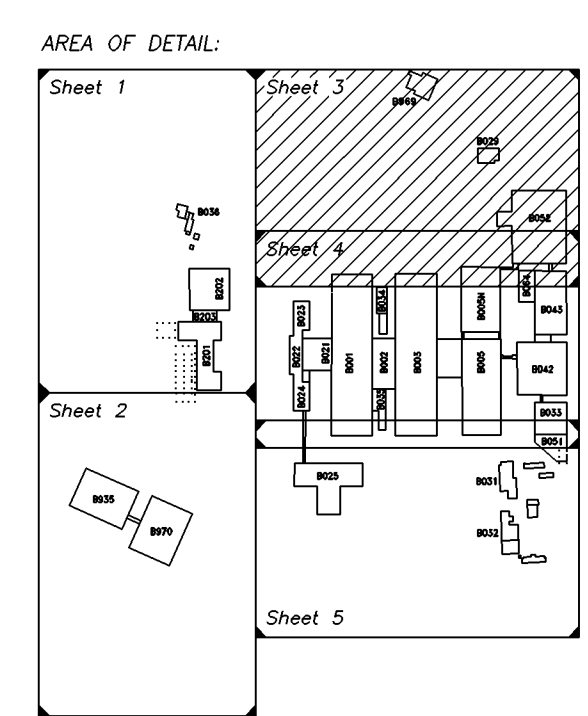


Utilities Location Map
(Sheet 3 of 5)

DRAWN BY: *MJM* DATE: 2/23/94
CHECKED & APPROVED BY: *JMF/LFR*

DRAWING NO. 93002-034-C

Plate 6



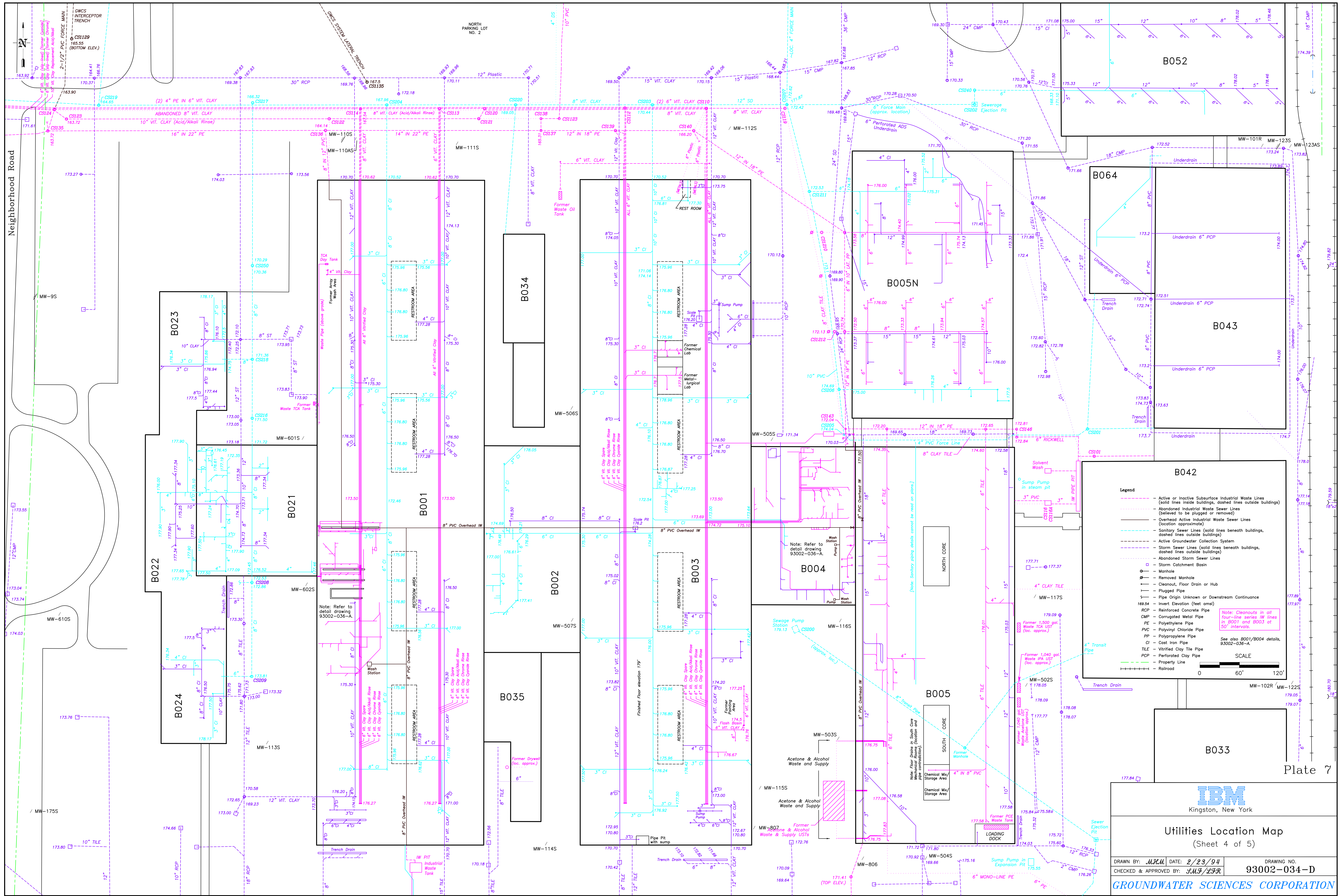


Plate 7



Utilities Location Map
(Sheet 4 of 5)

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CHECKED & APPROVED BY: S.M.S./J.F.R.
DRAWING NO. 93002-034-D
GROUNDWATER SCIENCES CORPORATION

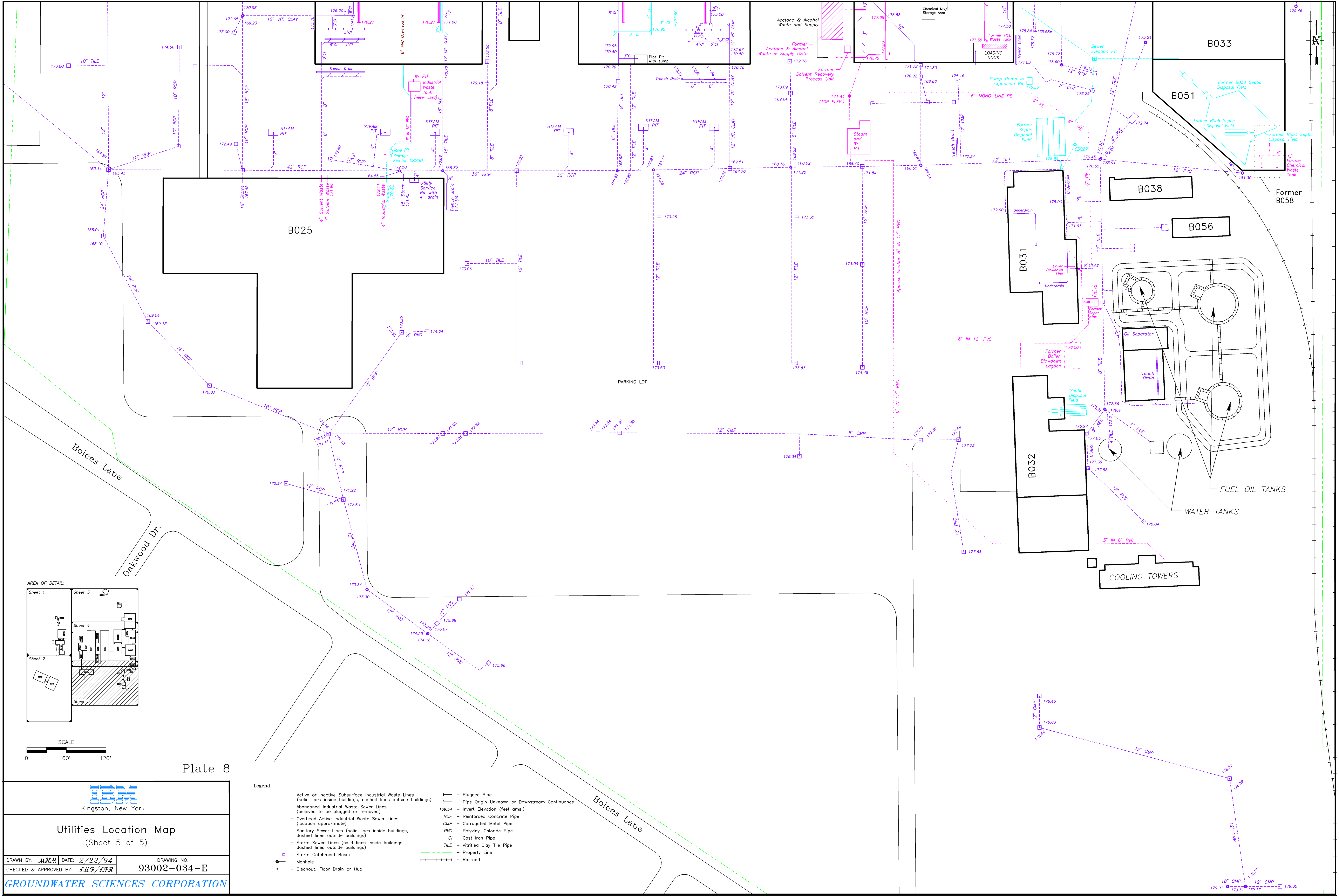



Plate 8



Kingston, New York

Utilities Location Map

(Sheet 5 of 5)

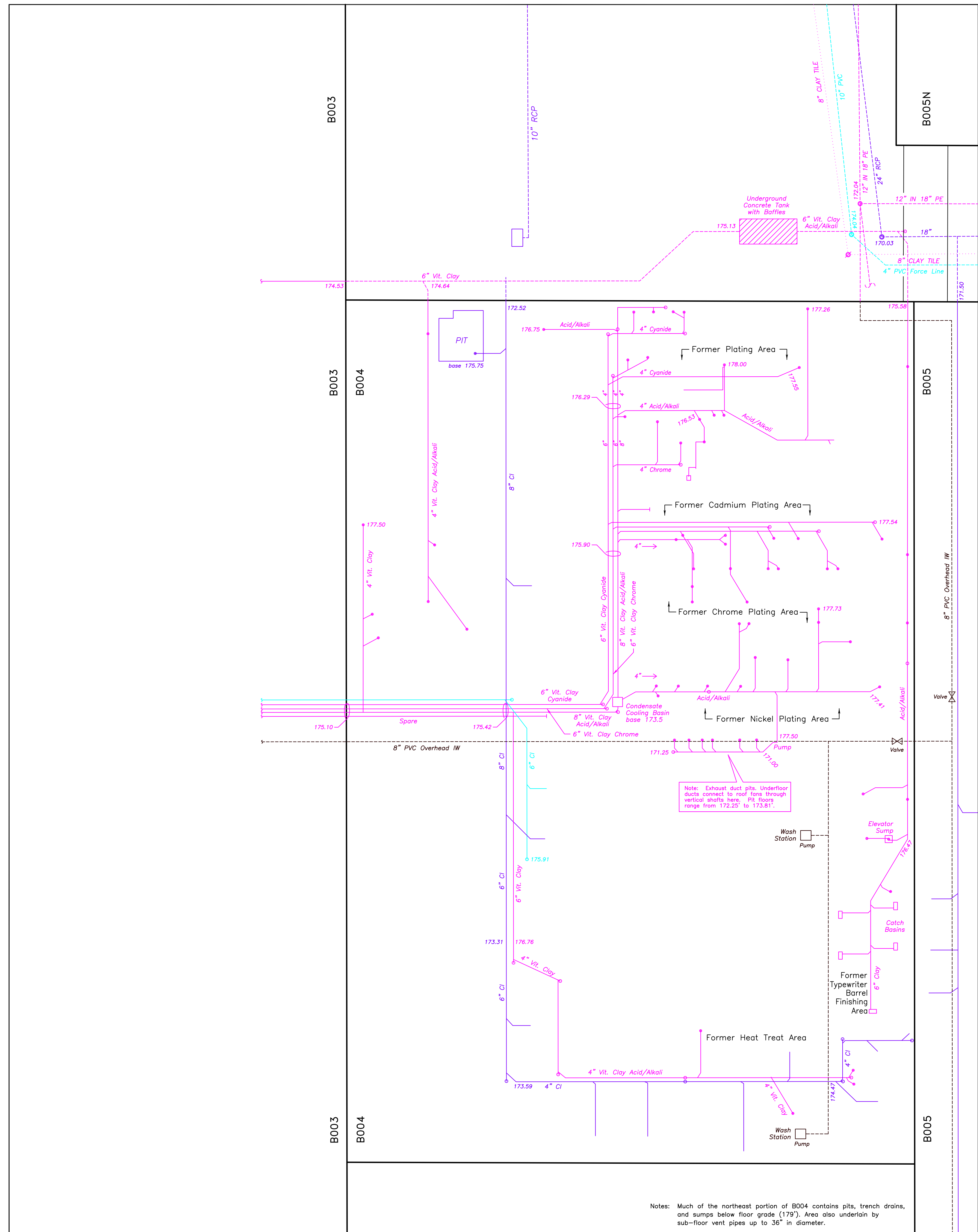
DRAWN BY: *MJM* DATE: 2/22/94

CHECKED & APPROVED BY: *LMJ/LJR*

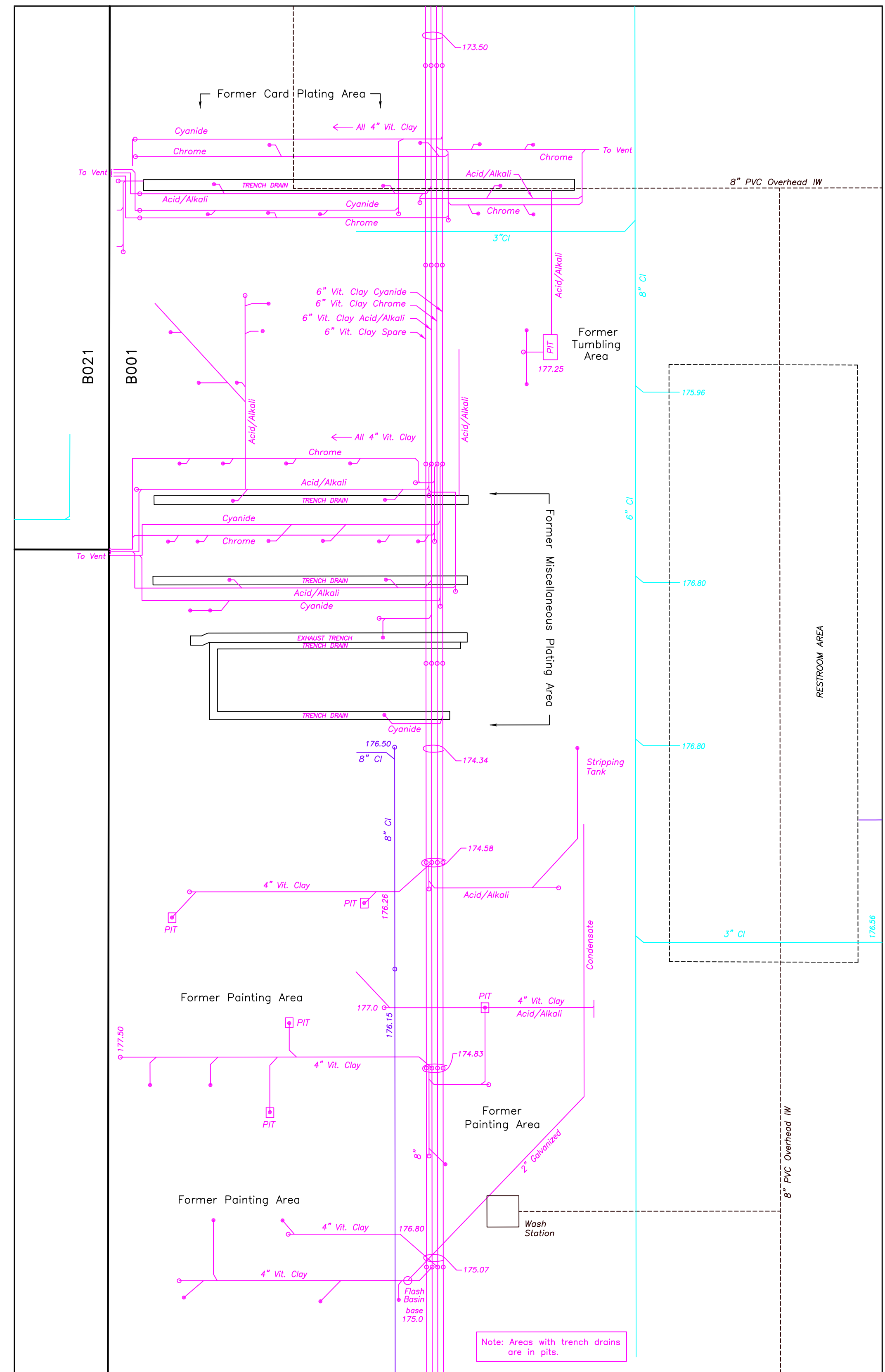
DRAWING NO.

93002-034-E

GROUNDWATER SCIENCES CORPORATION



DETAIL, BUILDING 004 AREA



DETAIL, BUILDING 001 AREA

Legend

- Active or Inactive Subsurface Industrial Waste Sewer Lines (Solid line beneath building, dashed line outside building)
- Abandoned Industrial Waste Sewer Lines (believed to be plugged or removed)
- Overhead Active Industrial Waste Sewer Line (location approximate)
- Sanitary Sewer Lines (solid line beneath building, dashed line outside building)
- Storm Sewer Lines (solid line beneath building, dashed line outside building)
- Storm Catchment Basin
- Manhole
- Removed Manhole
- Cleanout
- Floor Drain or Hub
- Plugged Pipe
- Pipe Origin Unknown or Downstream Continuance
- Invert Elevation (feet amsl)
- RCP - Reinforced Concrete Pipe
- CMP - Corrugated Metal Pipe
- PE - Polyethylene Pipe
- PVC - Polyvinyl Chloride Pipe
- PP - Polypropylene Pipe
- CI - Cast Iron Pipe

Area of detail:

SCALE

0 16' 32'

IBM
Kingston, New York

**B004/B001 Detail Area
Utilities Location Map**

DRAWN BY: *MJM* DATE: *2/23/94* DRAWING NO. **93002-036-A**

CHECKED & APPROVED BY: *SMJ/LFR*

GROUNDWATER SCIENCES CORPORATION