WR28-1-85-133

WATTS BAR GROUNDWATER IMPACTS OF EVAPORATION/PERCOLATION POND

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Report No. WR28-1-85-133

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ABSTRACT

Preoperational cleaning wastes containing trisodium phosphate were disposed in an evaporation/percolation (EP) pond in 1978 and 1981. During 1980, hydrazine and boron were also added to the pond. This study has been undertaken to estimate loadings to groundwater and surface water, determine whether concentrations have returned to background levels, and assess the extent of contamination.

Well WN1, located about 1600 feet downgradient of the pond, has been monitored weekly since 1978. Information is available for 1978 and 1989 in well WN2. Eighteen wells were sampled in August 1989 to obtain background data.

During October 1983, the sodium concentration in well WN1 increased from a background concentration of 30 mg/L to 2000 mg/L. Since 1983, high sodium concentrations have been periodically measured in this well. It appears that contaminants are held in the vadose zone and periodically released to the groundwater during precipitation events. Concentrations were reduced during 1989 when the yard holding pond was discharging over a weir into a small pool near well WN1. Concentrations have resumed elevated levels during 1990.

A two-dimensional, analytical point-source model was used to predict the movement of constituents from the EP pond through the shallow groundwater system. Boron concentrations compared closely with measured data in well WN1. Nitrogen and sodium concentrations were higher than predicted, probably due to the introduction of road salt, sodium hypochloride, and lawn chemicals from the yard holding pond. The use of road salt has been discontinued. Sodium hypochloride is used in the chlorination lines to disinfect the lines and destroy clams. Most of the phosphorus remains in the soil. The receiving water for the plume from the EP pond is Chickamauga Reservoir. Model results indicate a groundwater discharge of 0.01 cfs to the reservoir over a 1600-foot wide plume. Maximum boron concentration entering the reservoir is predicted to be 0.34 mg/L averaged over the width of plume, occurring in 1994. Based on monitoring well data, current concentrations entering the

reservoir are 1500 mg/L sodium, 0.02 mg/L phosphorus and 0.52 mg/L nitrogen. Application of flow and dispersion models showed that groundwater releases are immediately diluted to below detection limits in the reservoir.

To investigate the impact of the yard holding pond on groundwater, it is recommended that the yard holding pond be sampled for boron, phosphorus, sodium, and nitrogen on a monthly basis. Additionally, well WN2 should be sampled weekly for the same parameters as WN1. An additional well is recommended downgradient of the EP pond. Contamination from the EP pond has not and is not predicted to impact potable water supplies. The impact on the soils is minimum, except directly beneath the pond. The impact on the reservoir is minimal due to dilution. Therefore, remedial action is not recommended for the soils and groundwater downgradient of the pond.

However, the ponded water provides a continuous source of recharge that leaches phosphorus out of the soils beneath the pond. To minimize phosphorus loadings to the reservoir, the pond should be closed.

It is recommended that the remaining contents of the EP pond be landspread. The annual sodium application rate should not exceed 40 pounds per acre. Detailed records should be kept for the quantity and quality of waste being landspread. At least one monitoring well should be installed per landspreading area. These should be monitored quarterly for sodium, phosphorus, pH, and nitrogen until concentrations return to background. When the water is emptied from the pond, the pond should be capped and revegetated.

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WATTS BAR GROUNDWATER IMPACTS OF EVAPORATION/PERCOLATION POND

1.0 OBJECTIVES

The purpose of this study is to evaluate the groundwater impacts of the evaporation/percolation (EP) pond at Watts Bar Nuclear Plant. The specific objectives are to:

1. Estimate sodium and phosphate loadings to the groundwater and to the Chickamauga Reservoir;
2. Determine whether concentrations of sodium and phosphate have returned to background levels; and
3. Assess the extent of contamination and recommend corrective action, if appropriate.

2.0 BACKGROUND

Watts Bar Nuclear Plant is located on the west bank of the Chickamauga Reservoir (Tennessee River), adjacent to Yellow Creek in Rhea County, Tennessee (see Figure 2.1). Chickamauga Lake and Yellow Creek form hydraulic boundaries on three sides of the plant site. A ridge forms a hydraulic boundary to the north (FSAR, 1980).

Preoperational metal cleaning was conducted in 1978 to remove dirt, oil, grease and small amounts of rust from the plant condenser, condensate and feedwater, high pressure extraction and heater drains, and auxiliary feedwater systems (Mayfield, February 1985). The principal cleaning chemical was trisodium phosphate (TSP). Other chemicals such as wetting agents were used in trace amounts.

In August 1978, TVA requested permission from the Tennessee Division of Solid Waste Management to dispose of one million gallons (gal) of a two percent solution of TSP wastewater in a two-acre EP pond (Buckingham, 1978). The location of the pond is shown in Figure 2.1. The waste was expected to contain 1 mg/L of oil and grease and 5 to 6 mg/L suspended solids. The two percent solution of TSP ($Na_3PO_4 12H_2O$) contained 6800 mg/L sodium and 9300 mg/L phosphate

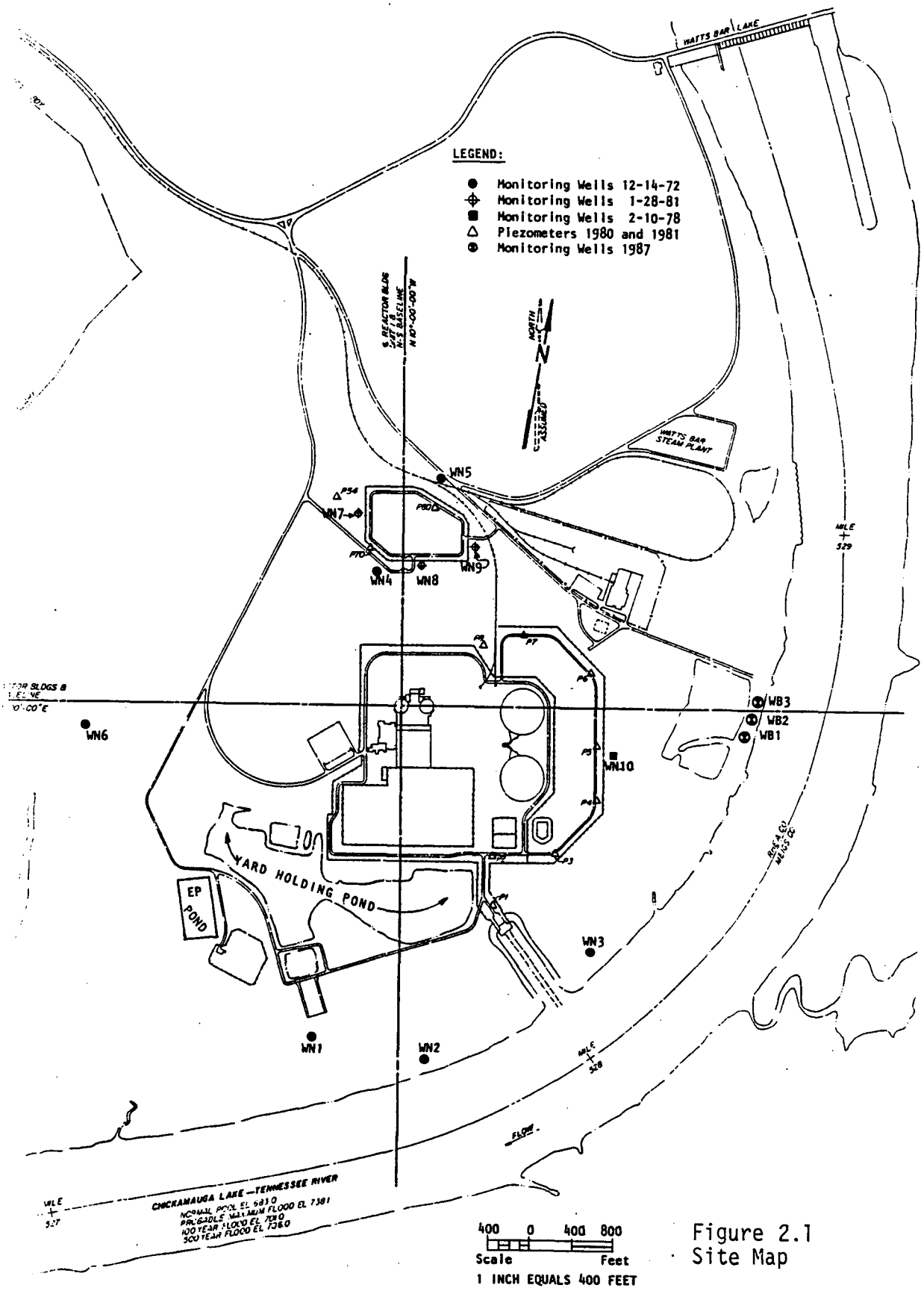


Figure 2.1
Site Map

(or 3000 mg/L phosphorus). In October 1978, the State approved the use of the pond. The State stipulated that the pond should be backfilled to original contours after cleaning Unit 2 (Mantooth, 1978).

The original ground surface elevation of the two-acre pond was 712 feet above mean sea level, about 29 feet above the Chickamauga Reservoir normal pool elevation. The pond was excavated 18 inches below the original ground surface and a three- to four-foot berm was constructed around the perimeter. Unit 1 cleaning was begun in November 1978. A total of 2.1 million gallons of trisodium phosphate waste were disposed of in the EP pond during 1978.

Additional waste disposal in the EP pond was approved by the State during 1980 and 1981. In February 1980, disposal of 300,000 gallons (gal) of spent hydrazine corrosion control solution containing 100 mg/L hydrazine (87.5 mg/L nitrogen) and 16,000 gal of borated water, (2,000 mg/L boron) was approved (Manning, 1980). In July 1981, the State approved transfer of 96,000 gal of TSP, (500 mg/L phosphate and 360 mg/L sodium) from Phipps Bend Nuclear Plant to the Watts Bar EP pond (Steiner, 1981). In April 1985, 500,000 gal of excess rainwater accumulated in the EP pond were pumped to the yard holding pond to maximize the available storage in the EP pond in anticipation of preoperational cleaning of Unit 2. This water contained 50 mg/L of sodium and 0.13 mg/L of phosphate (Wells, 1985). As a result of the Unit 2 cleaning, 800,000 gallons of TSP wastewater were disposed of in the EP pond (Mayfield, 1986). Wastewater discharges to the EP pond are summarized in Table 2.1.

TABLE 2.1

Quantities of TSP Waste Disposal in EP Pond

Date	Gallons	Desc.	Concentration (mg/L) Sodium	Phosphate	Nitrogen	Boron
11-11-78	580,000	TSP	6800	9300	--	--
11-15-78	580,000	TSP	6800	9300	--	--
12-14-78	475,000	TSP	6800	9300	--	--
12-16-78	475,000	TSP	6800	9300	--	--
2-80	300,000	Hydrazine	--	--	87.5	--
2-80	16,000	Borated water	--	--	--	2000
7-81	96,000	TSP	360	500	--	--

3.0 GEOHYDROLOGY

3.1 Bedrock

The plant is underlain by the Conasauga Shale Formation, consisting of 84 percent shale and 16 percent limestone occurring as discontinuous beds. The ridge north of the plant is composed of the Rome Formation. The only significant regional aquifer underlying the site is the Knox Dolomite, which is at depths greater than 1000 feet.

3.2 Overburden

The overburden consists of an average of 39 feet of older terrace deposits and recent alluvium, which are fine-grained, poorly sorted and poorly water bearing gravel, sand and clay soils. Average depth to groundwater is 11 feet. The saturated thickness of the terrace deposits averages 25 feet. McMaster (1975) estimates the hydraulic conductivity to be 48 ft/day.

3.3 Hydrologic Properties

Aquifer test results are given by McMaster (1977). An eight-inch diameter well, screened in the Conasauga Shale, was pumped at a rate of 400 gallons per minute (gal/min). Maximum drawdown was 28 feet. An observation well located 400 feet away showed no measurable response. A second test was performed in 1978 (McMaster, 1978). The same well was pumped at 400 gpm for three days. Transmissivity was calculated at about 4000 square feet per day, and storativity was estimated as 0.2. Again, the observation well located 400 feet away, showed no measurable response.

In 1985, open-end constant head casing permeability tests were performed by Singleton Material Engineering Laboratory, in the evaporation/percolation pond (Mathews, 1985). Tests were conducted five to ten feet inside the shoreline, in the northeast, northwest and southeast corners of the pond. At the time of the investigation, water in the pond was one to two feet deep. The methodology is given by the Bureau of Reclamation (1985), procedure designation E-18. The

flocculated surficial soils were visually classified as silty clay. The undisturbed soils below the surface were alluvial sandy silty clays and sandy clayey silts. The test results indicated the permeability in both the surficial and lower soils was about 6 cm/s. The percolation near the surface was 11,000 gal/d, increasing to 12,000 gal/d in the undisturbed soils.

3.4 Piezometric Surface

All onsite wells were monitored for depth to water on August 8, 1989. The piezometric contours from this date are shown in Figure 3.1. Water levels varied from 684 ft-msl in the reservoir to 731 upgradient of the low level radioactive waste (LLRW) storage area. Flow is radial away from the LLRW area and toward Chickamauga Reservoir.

4.0 WATER AND SEDIMENT QUALITY

4.1 Pond Samples

Monthly water samples were taken from the EP pond from September 1987 to May 1988. Samples were composited from the four corners of the pond. The results are shown in Table 4.1 (Miller, July 1988 and TVA Radiochemical Lab, 1989). The results show that the sodium and phosphate concentrations have been reduced by 95 to 97 percent from their original levels in the wastewater. Nine grab samples were taken of the sediment in the bottom of the pond. Table 4.2 (Miller, July 1988) shows that the sediments are classified as non-hazardous, according to RCRA (Resource Conservation and Recovery Act) standards.

4.2 Background Groundwater Quality

Thirteen wells were sampled for total phosphorus, sodium, nitrogen and boron on August 28, 1989. The locations of these wells are shown in Figure 2.1. Well installation records for these wells are shown in Appendix A. Three wells in the adjacent Watts Bar Fossil Plant and fifteen wells around the nuclear plant were sampled. The results from wells WN1 and WN2, in the vicinity of the EP pond, are not included in

Figure 3.1

Watts Bar Piezometric Surface, August 8, 1989

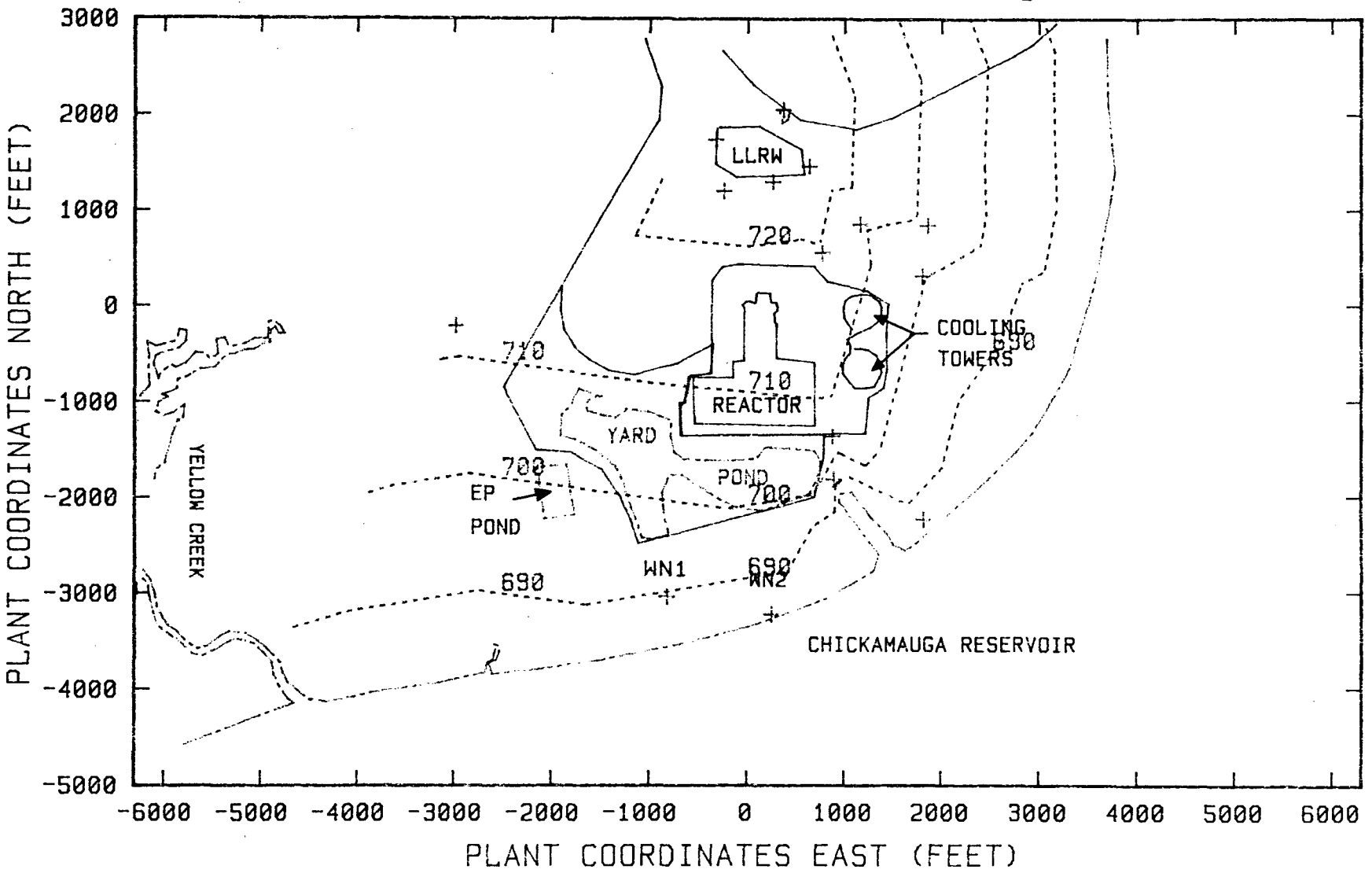


TABLE 4.1

Watts Bar Nuclear Plant
Evaporation/Percolation Pond
Water Quality Data[a]
September 1987 - March 1989

Date	pH[c]	Na	PO_4	B	NH_3	Hydrazine	COD[g]	Total P	CU	Fe	O&G[h]
9/16/87[b]	10.1	351	300	<2.0	—	—	—	—	—	—	—
10/15/87[d]	9.6	396	330	—	0.79	<0.005	—	100	<0.02	0.341	<5
11/03/87[e]	9.6	376	364	—	—	—	—	—	—	—	—
12/16/87[e]	9.7	358	226	—	—	—	—	—	—	—	—
1/19/88[e]	9.8	308	289	0.28	—	—	—	—	—	—	—
2/10/88[e]	9.7	388	286	—	—	—	—	—	—	—	—
3/10/88[e]	10.0	330	249	0.20	1.17	0.046	—	—	<0.02	2.6	—
4/15/88[e]	10.25	292	249	0.13	—	—	—	—	—	—	—
5/14/88[e]	10.8	325	234	<0.10	1.35	0.002	300[f]	—	<0.02	0.71	—
3/9/89		230	192.5	< 2	0.96			55	<0.02		

[a]All Units are mg/L except pH which is standard units (SU).
[b]Average of six samples taken at various locations in the pond.
[c]pH's are the averages of the pH values of the grab samples.
[d]Composite sample of four corners of the pond.
[e]Average of eight samples.
[f]Sample collected 6/22/88; composite of four grab samples.
[g]Chemical oxygen demand.
[h]Oil and grease.

TABLE 4.2

Watts Bar Nuclear Plant
Evaporation/Percolation Pond
Hazardous Waste Characterization[a]
RCRA Extraction for Metals

Parameters	RCRA Standards (mg/L)	Concentration (mg/L)
pH	≤2 or ≥12.5	8.7 s.u.
As	5.0	<0.1
Ba	100	0.38
Cd	1.0	<0.005
Cr	5.0	<0.05
Pb	5.0	<0.05
Hg	0.2	<0.002
Se	1.0	<0.10
Ag	5.0	<0.01

[a]Composite sample of nine grab samples.

the average background calculations. The average phosphorus concentration was 0.29 mg/L (see Table 4.3). The average sodium concentration was 18.6 mg/L. In fourteen of the wells, boron concentration was less than the detection limit of 50 mg/L. Wells WB1 and WB2, located on the fossil plant site downgradient from the ash pond, showed boron concentrations of 860 and 50 mg/L, respectively. Boron is a constituent of fly ash. Background nitrogen concentrations averaged 0.07 mg/L.

Groundwater quality has been monitored in well WN1 weekly since 1978. This 6-inch diameter well is located 1500 feet south (downgradient) of the EP pond and is 150 feet deep. From November 11 to December 26, 1978, samples were collected without purging the well. The sodium concentration in the stagnant water ranged from 6200 to 8000 mg/L (Brooks, 1979). The United States Environmental Protection Agency (EPA) guidelines recommend removing stagnant water in a monitoring well before sampling. The well should be pumped until pH, temperature, oxidation/reduction potential and eH are stabilized (EPA, 1987). After December 26, 1978, the well was purged before sampling. Sodium concentrations decreased to a range of 39 to 632 mg/L, averaging 54 mg/L

TABLE 4.3

Watts Bar TSP Background Concentrations
Sampled August 18, 1989

Well	Total Phosphorus (mg/L)	Sodium (mg/L)	Boron (mg/L)	Total Nitrogen (mg/L)
WB1	0.05	7.2	*860	0.02
WB2	0.12	67.0	50	0.21
WB3	0.51	6.0	<50	0.67
WN3	0.04	50.0	<50	0.06
WN4	0.18	12.0	<50	0.09
WN5	0.21	9.5	<50	<0.01
WN6	0.07	14.0	<50	<0.01
WN7	0.10	39.0	<50	0.03
WN8	0.05	27.0	<50	<0.01
WN9	0.58	21.0	<50	0.02
WP1	0.90	24.0	<50	<0.01
WP2	0.39	7.0	<50	<0.01
WP4	0.70	4.4	<50	<0.01
WP6	0.09	5.0	<50	<0.01
WP7	0.14	3.5	<50	<0.01
WP8	0.57	1.7	<50	<0.01
AVG	0.29	18.6	<50	0.07

*Not included in average.

from 1979 to 1983. These values are considered more representative of water quality than results from the earlier sampling. Phosphorus varied from 0.01 to 0.10 mg/L and averaged 0.02 mg/L during this period.

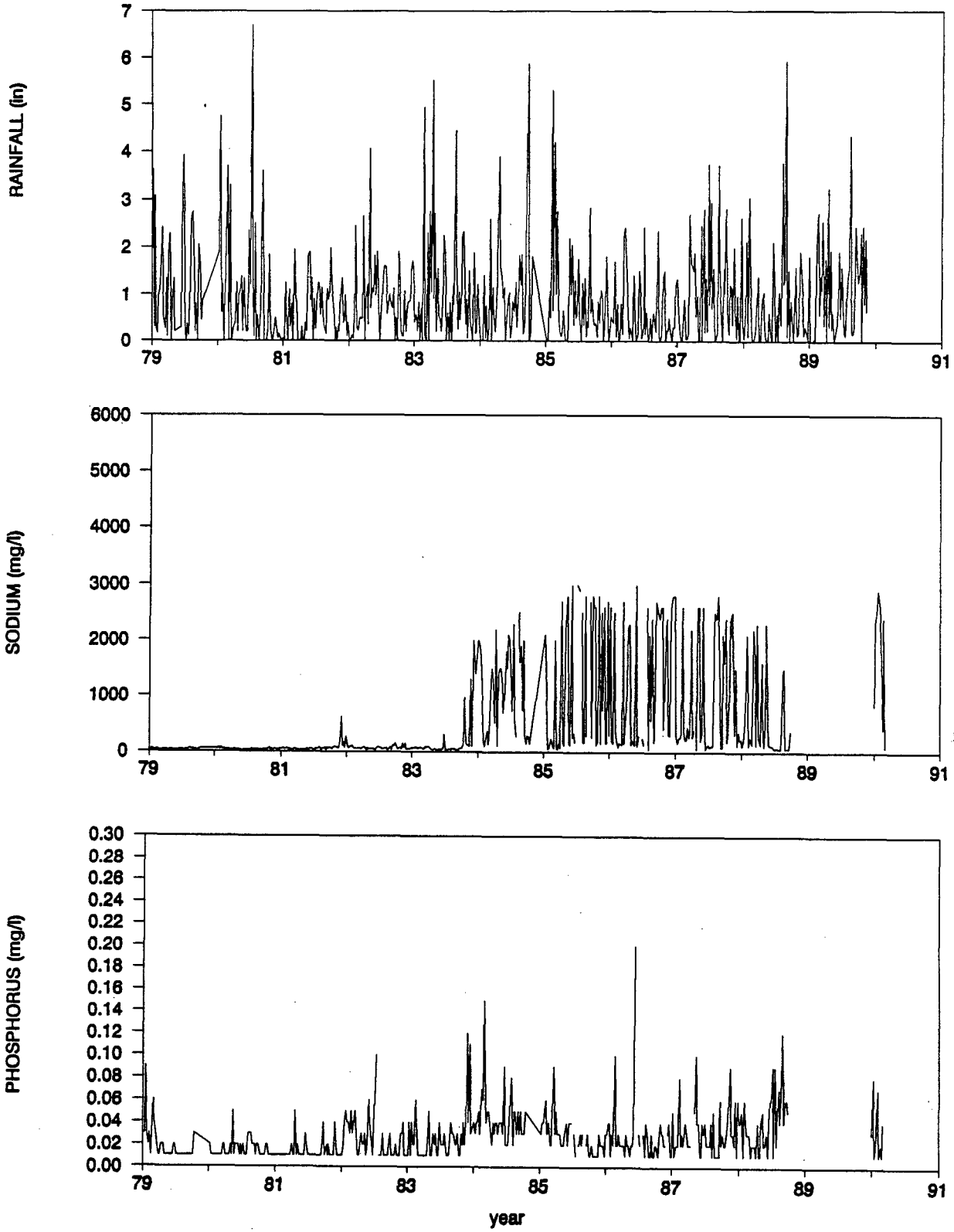
Well WN2 was also sampled in December 1978 to obtain ambient sodium and phosphorus concentrations. Sampling was conducted one month after the initial TSP disposal in the EP pond. The results are considered to be representative of ambient conditions, because the TSP plume would not travel as far as WN2 in only one month. Sodium ranged from 650 to 1400 mg/L and phosphorus was 0.01 to 0.03 mg/L.

4.3 Groundwater Sampling Results

4.3.1 Sodium--During October 1983, the sodium concentration in well WN1 increased from 30 mg/L to 2000 mg/L (Figure 4.1). Since 1983, high sodium concentrations have been periodically measured in well WN1

Figure 4.1

WATTS BAR NUCLEAR PLANT - WELL NO. 1



for short durations of time. It appears that contaminants are held in the vadose zone and periodically released to the groundwater during precipitation events. Concentrations were observed to be lower in 1989. During this time, the yard pond was discharging over the weir, rather than into the diffuser pipes, due to repairs on the diffuser. The area downstream of the weir is very near well WN1. It is thought that yard pond water was diluting groundwater during this time (see section 4.3.6). The maximum measured concentration of sodium, a conservative tracer, in well WN1 is a little less than half the concentration of the wastewater that was disposed of in the pond.

4.3.2 Phosphorus--A definite pattern for phosphorus is difficult to discern from Figure 4.1. Therefore, yearly averages for phosphorus were calculated for comparison, as shown in Table 4.4

TABLE 4.4

Average Phosphorus Concentration in Well WN1

Year	Average Phosphorus Concentration (mg/L)	mg/L Above Background
1979	0.02	
1980	0.02	
1981	0.01	
1982	0.00	
1983	0.03	0.01
1984	0.04	0.02
1985	0.02	0.00
1986	0.04	0.02
1987	0.04	0.02
1988	0.06	0.04
1989	0.05	0.03

The data show a growth in phosphorus starting in 1983, which increases until 1988. The concentration in 1988 is three times background levels. A slight decrease is shown in 1989. The maximum measured concentration of phosphorus in well WN1 is 0.84 mg/L. However, out of 514 samples, only three were above 0.2 mg/L, occurring in December 1986, April 1987, and November 1988. These three results were probably influenced by

sampling or analysis error, and thus are not shown in Figure 4.1. A more reasonable estimation of the maximum concentration in groundwater would be 0.2 mg/L, occurring in June 1986. This value is about 0.007 percent of the original concentration of phosphorus in the wastewater. Considering the difference between this result and the results for sodium, it appears that the majority of the phosphorus has been adsorbed in the soil.

Current phosphorus levels in well WN2 are 0.02 mg/L, or within the range of background levels.

4.3.3 Boron--levels in well WN2 in 1989 varied from 150 to 180 mg/L. Boron was not measured in well WN2 in 1978. However, others wells onsite indicate that background boron concentration is less than the detection limit of 50 mg/L.

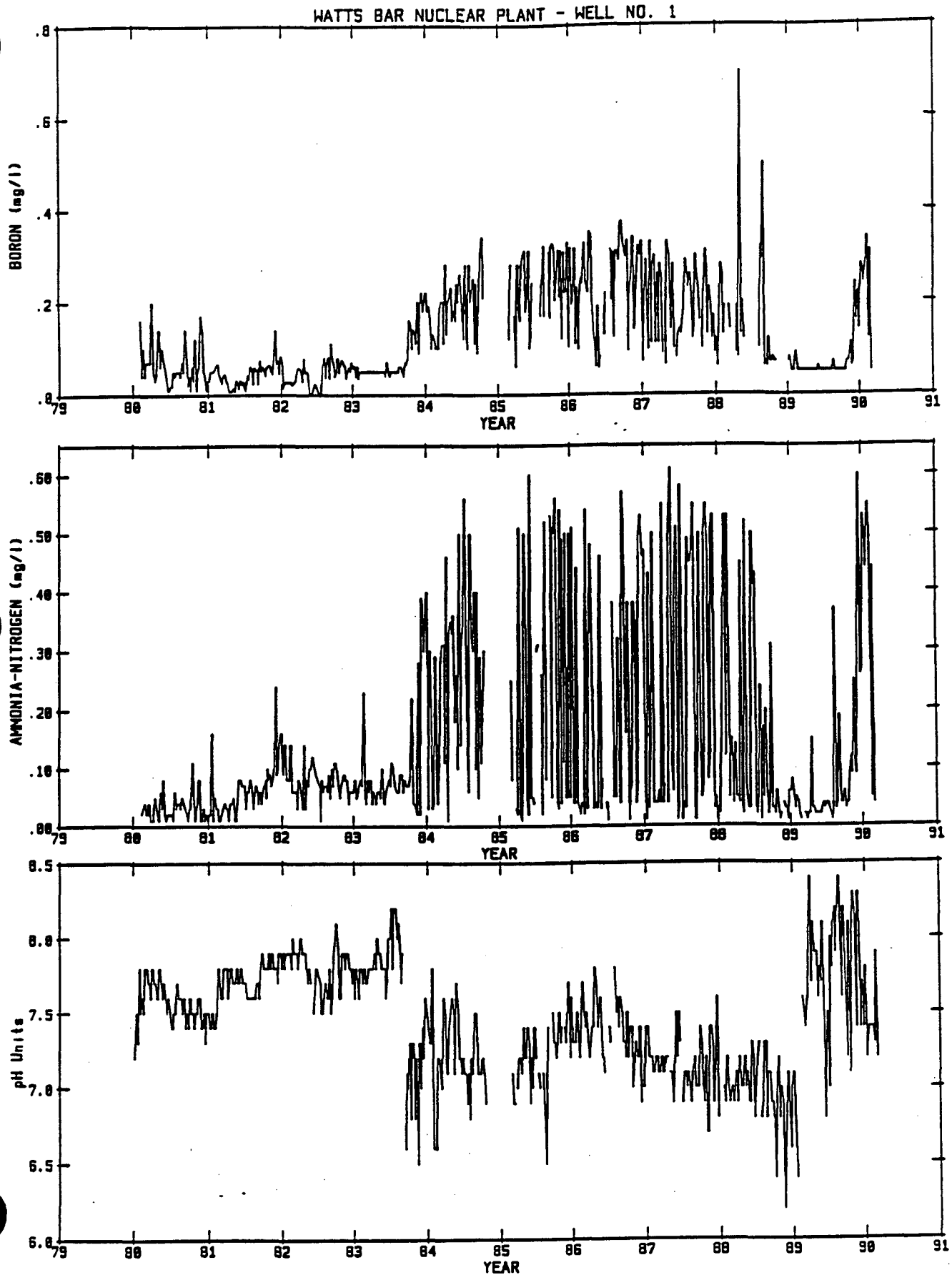
Boron was measured weekly in well WN1 from 1980 to the present, as shown in Figure 4.2. Only twice has the concentration of boron exceeded 0.4 mg/L, and these appear to be sampling anomalies. Boron concentrations were depressed in 1989, probably due to dilution from a marshy area created in 1987 (see Section 4.3.6).

4.3.4 Ammonia-Nitrogen--Nitrogen was sampled weekly in well WN1 to look for impacts from the hydrazine (NH_4) which was disposed of in the EP Pond. The time trend plot (Figure 4.2) is very similar in shape to the sodium and boron plots.

4.3.5 Radioactivity--On October 11, 1983, an automatic timer and sampler were installed in well WN1. Twice daily, from 1983 to the present, 47.2 gallons are purged from the well over 15 minutes duration, before samples are collected for radiological analyses (Williams, 1989; and Wallace, 1989). The samples are composited over one to three months and analyzed at the Western Area Radiological Laboratory. Radiation levels have not exceeded background levels.

4.3.6 Influence From Yard Holding Pond--Data from well WN1 may be influenced by discharges from the yard holding pond. Normally, the

Figure 4.2


WATTS BAR NUCLEAR PLANT - WELL NO. 1
BORON (mg/l)
.8
.6
.4
.2
.0
79
80
81
82
83
84
85
86
87
88
89
90
91
YEAR
AMMONIA-NITROGEN (mg/l)
.60
.50
.40
.30
.20
.10
.00
YEAR
pH Units
8.5
8.0
7.5
7.0
6.5
6.0
YEAR

yard holding pond discharges through the diffuser, along with condenser cooling water. During October 1983, the yard holding pond operating level was raised. As a result, the yard runoff water discharged over the yard holding pond spillway and a small marshy area was created in the vicinity of well WN1 (Mayfield, February 1985). Starting in 1987, repair work on the diffusers again necessitated yard holding pond discharge over the spillway. About 18 Mg/d are discharged over the spillway and into the marshy area adjacent to well WN1. This practice is expected to continue until August 1990, (Mulkey, 1989). The yard holding pond discharges may have increased the sodium concentration in well WN1 by leaching sodium out of the soils, or by the addition of sodium from road salt which ran off into the yard pond. The use of road salt has been discontinued.

The yard pond may also be the source of high boron concentrations in well WN2. Boron has been found in the diffuser discharge. When the diffusers are shut off, water backs up into the yard holding pond. Boron concentrations were higher in well WN2 than in WN1. WN1 is closer to the EP pond than WN2; therefore, it is not believed that the EP pond is the source of boron in WN2.

5.0 TSP MIGRATION

5.1 The Effect of Purging Well WN1

Well WN1 is sampled twice daily to obtain a composite radiological sample. The well is purged of 47.2 gallons over 15 minutes. There has been some speculation that pumping well WN1 twice a day could create a cone of depression that might accelerate contaminant migration toward the well. Using the Theis equation (Freeze and Cherry, 1979) the drawdown in the well after purging for 15 minutes is estimated to be 4 inches. The calculated drawdown decreases to less than 0.1 inch within 30 feet of the well. Therefore, the radiological sampling procedure is probably not increasing contaminant migration. The following assumptions were made in this analysis:

1. The aquifer is isotropic and unconfined.
2. The groundwater is incompressible.
3. Storativity = 0.2
4. Transmissivity = 4000 ft^2/day.
5. Saturated thickness = 25 feet.

5.2 Solute Transport Modeling

A two-dimensional, analytical point-source model, CONMIG (Walton, 1989), was used to predict the movement of sodium from the EP pond through the groundwater. The following assumptions were made in applying CONMIG:

1. The solute injection rate is negligible in relation to groundwater flow rate.
2. The groundwater flow is steady and uniform.
3. The difference in density and viscosity between injected and native water is negligible.
4. The dispersion properties are constant in space and time.
5. The horizontal scale of migration is much larger than the aquifer thickness.
6. The flow field is horizontally two-dimensional and contaminants quickly mix vertically.
7. Porosity = 0.2
8. The sodium is not adsorbed.
9. The plume assumes a Gaussian shape.
10. Saturated thickness = 25 feet.

The model was calibrated against measured concentrations of boron in well WN1. The mean advection velocity and dispersion coefficients were adjusted to fit the shape of the curve shown in Figure 5.1. The best fit was obtained using a mean advection rate of .35 ft/d, longitudinal dispersion coefficient of 160 ft^2/d and 80 ft^2/d laterally.

The model was then run to simulate movement toward the Chickamauga Reservoir. The results indicate that the maximum concentration discharged from groundwater into the reservoir will be reached in 1994 (see Figure 5.2). The model predicts a plume width of 1600 feet where concentrations of boron entering the reservoir are 0.1 mg/L. The maximum predicted concentration is 0.34 mg/L directly downgradient from the EP pond. The average predicted concentration over

Figure 5.1

Boron in Well 1

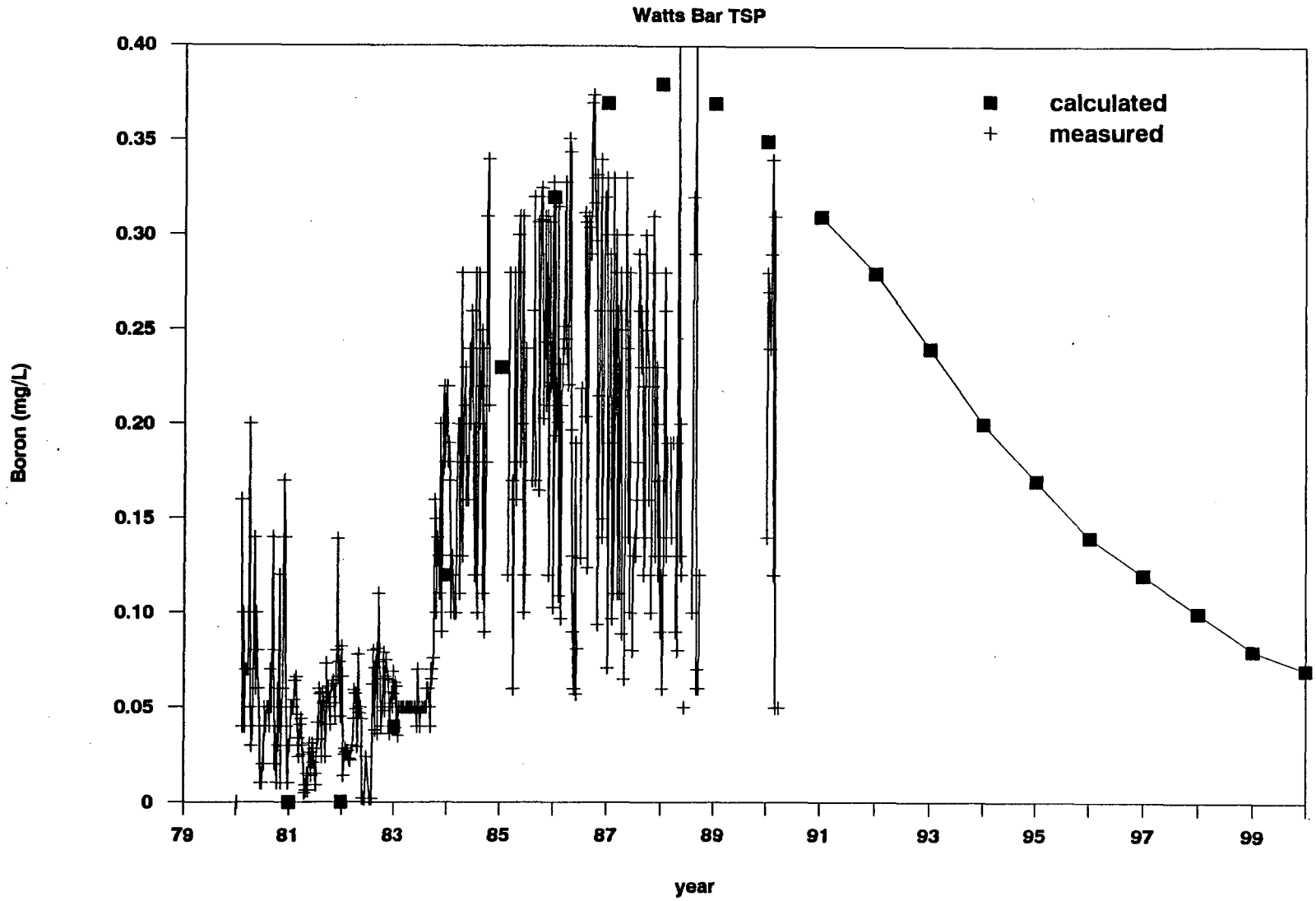
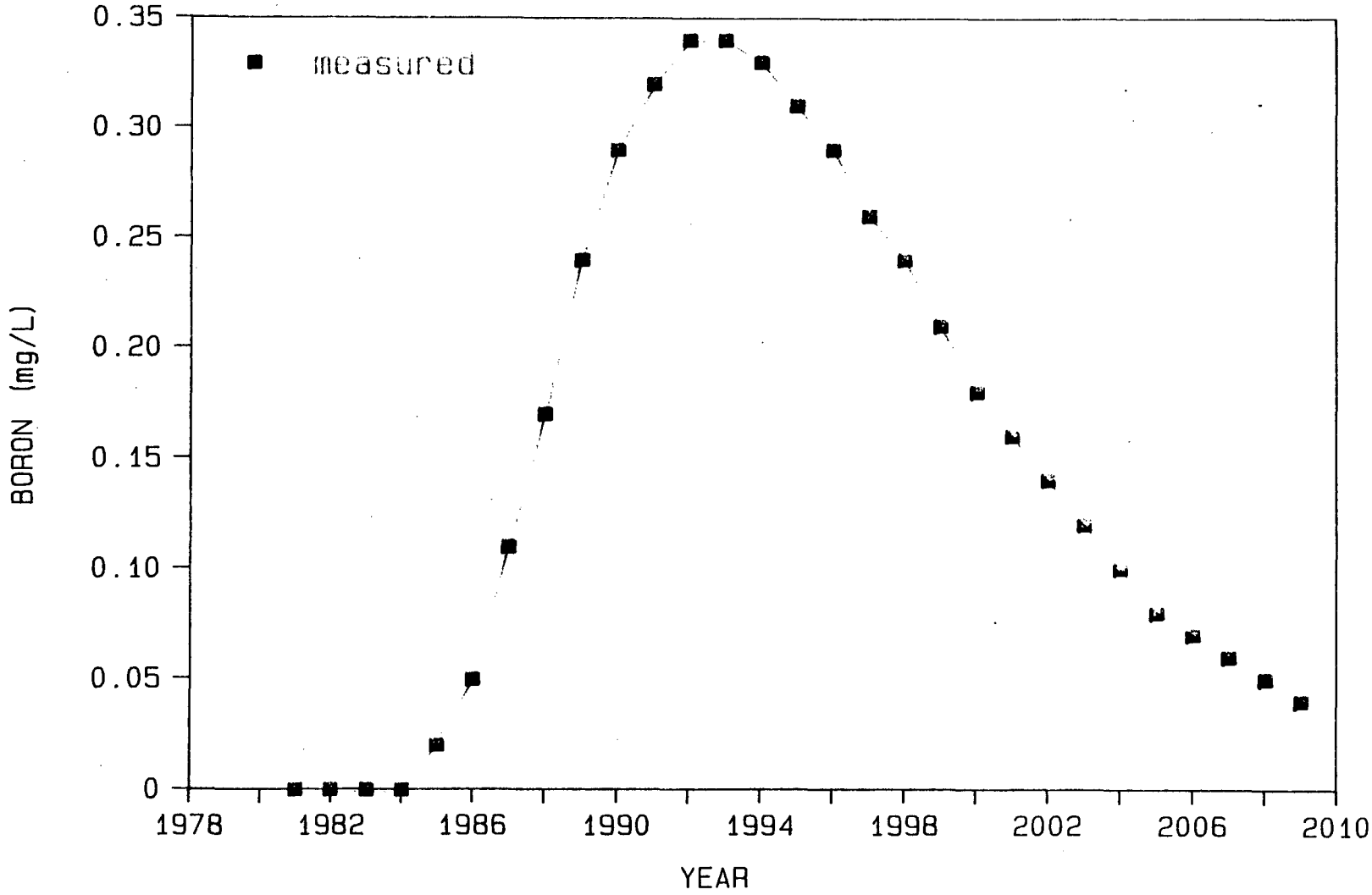


Figure 5.2

PREDICTED BORON ENTERING RESERVOIR

WATTS BAR TSP



the width of the plume is 0.24 mg/L discharged at a rate of 0.01 cfs. The most important limitation of this analysis is that data for calibration was available at only one well. A contour map of predicted boron concentrations is shown in Figures 5.3 and 5.4 for 1987 (when the plume first enters the reservoir) and in 1993 (when the maximum concentration enters the reservoir).

The model runs were repeated for phosphorus, nitrogen and sodium, as shown in Figures 5.5 through 5.7. The model overpredicts concentrations of phosphorus, because attenuation is not included in the model. These results substantiate the theory that most of the phosphorus is still in the soil. The model underpredicts concentrations of sodium and nitrogen. The presence of high concentrations of sodium in both wells WN1 and WN2 suggest an influence from the yard pond. As discussed earlier, sodium may be entering groundwater from road salt which runs off into the yard pond. Similarly, nitrogen may be added from lawn chemicals which may be running off into the yard pond. The model results for these constituents cannot be used to predict concentrations entering the river. Concentrations in well WN2, immediately adjacent to the reservoir, may be utilized instead of model results. However, only data for 1978 and 1989 are available. The concentrations of sodium, phosphorus and nitrogen in well WN2 were 1500, 0.02 and 0.52 mg/L, respectively, during the 1989 survey.

The Chickamauga Reservoir (Tennessee River) is the receiving water body for groundwater discharge from the site. The solute transport model results indicated that the maximum boron concentration will enter the reservoir during 1993. The boron concentration averaged over the 1600-foot wide plume was predicted to be 0.34 mg/L, discharging at 0.01 cfs during 1994.

5.3 Predicted Concentration Downstream

To determine the impact of this discharge on water quality in the Chickamauga Reservoir, a numerical flow routing model, FLOW, and a dispersion model, FDLS, were utilized. These models are described by Beard, Harper and Vadnal (1988). The flow routine is a one-dimensional,

Figure 5.3

Watts Bar Predicted Boron Concentration, 1987

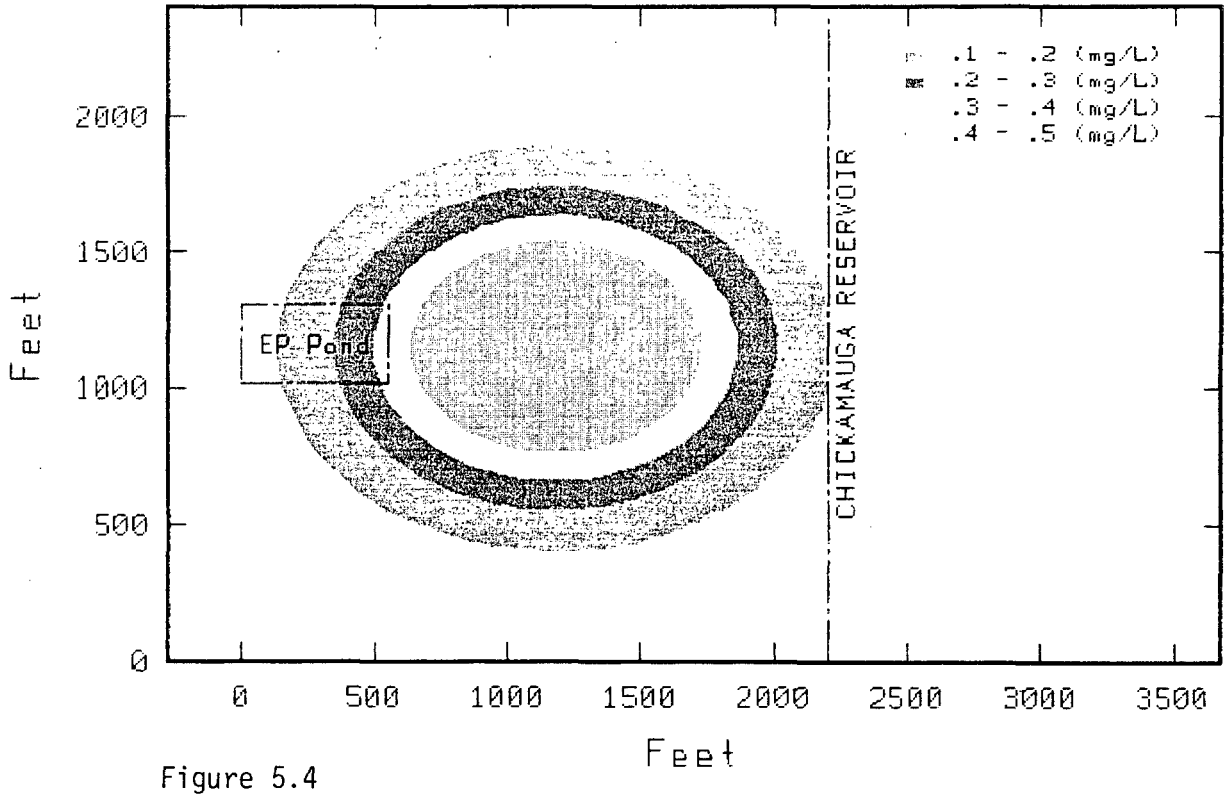


Figure 5.4

Watts Bar Predicted Boron Concentration, 1993

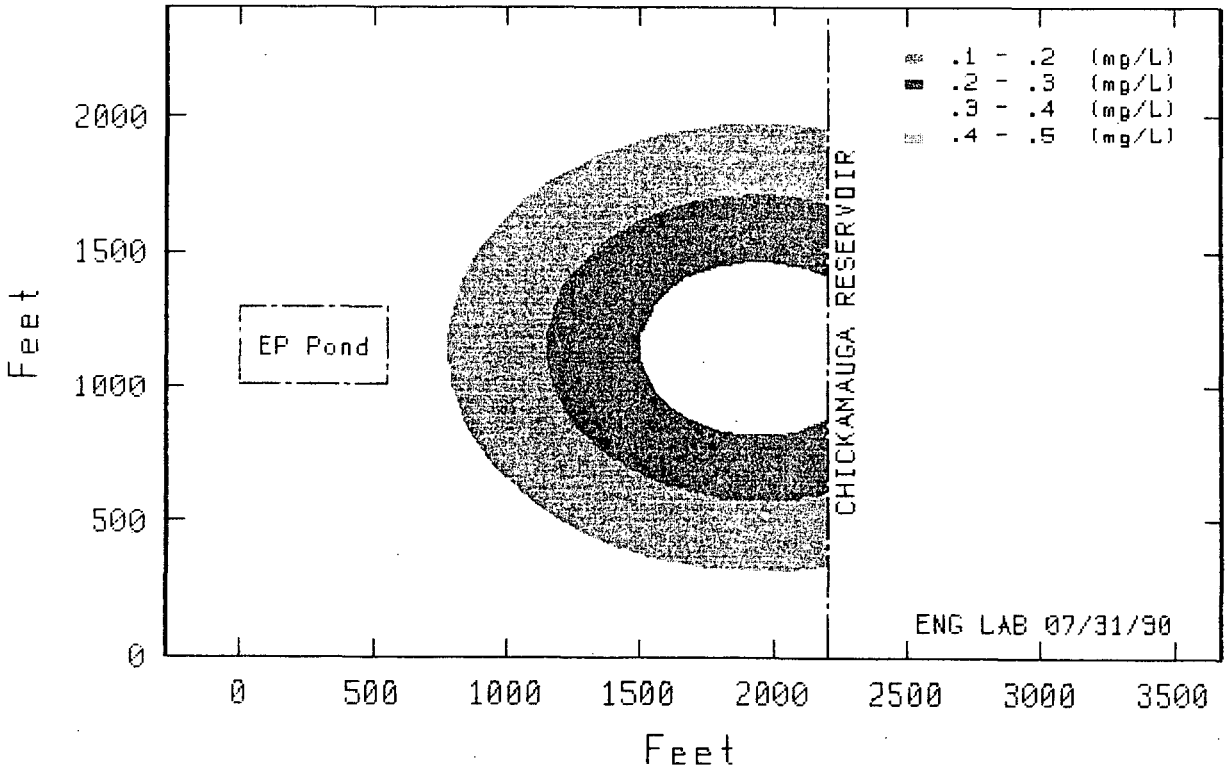


Figure 5.5

Sodium in Well 1

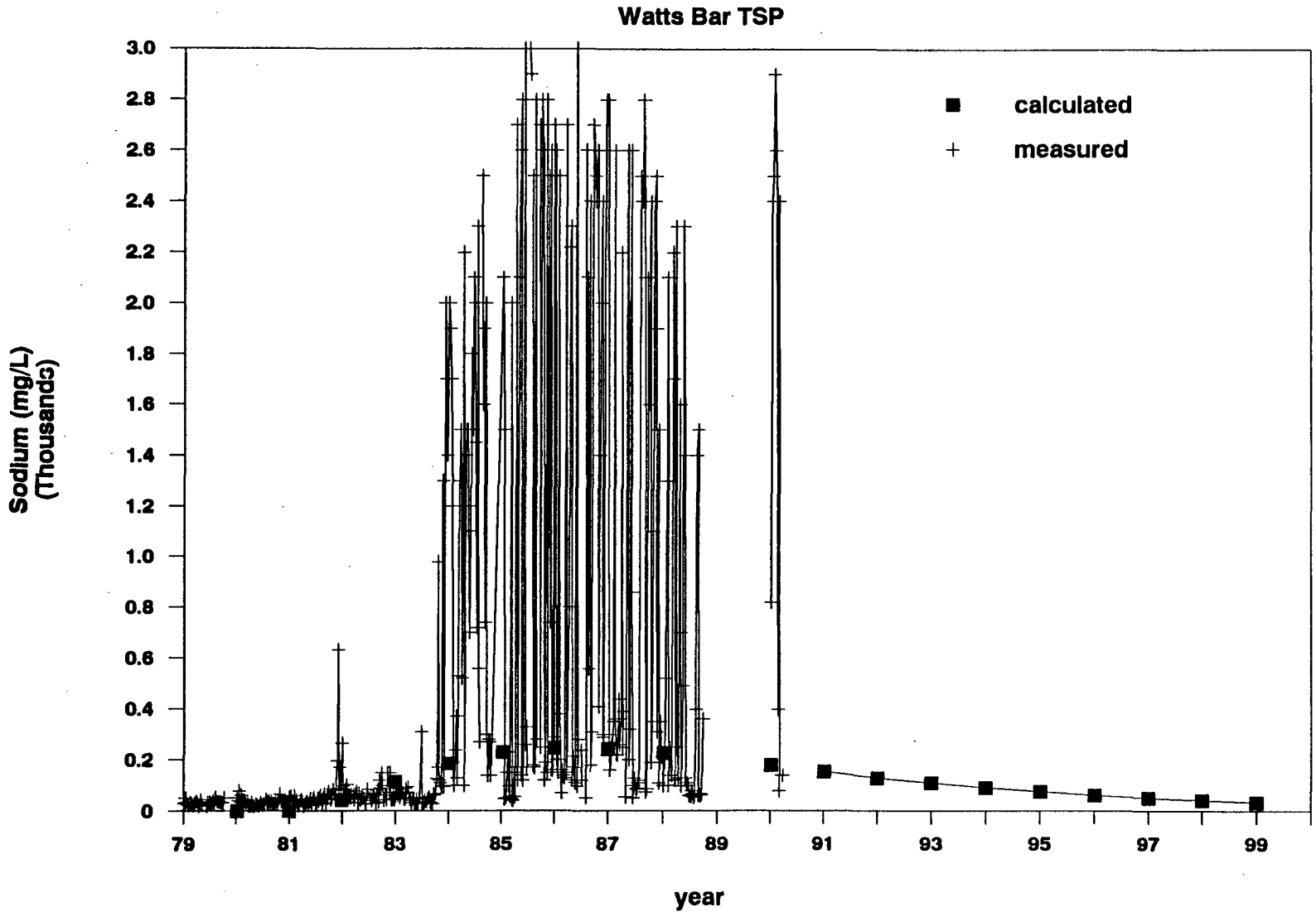


Figure 5.6

Nitrogen in Well 1

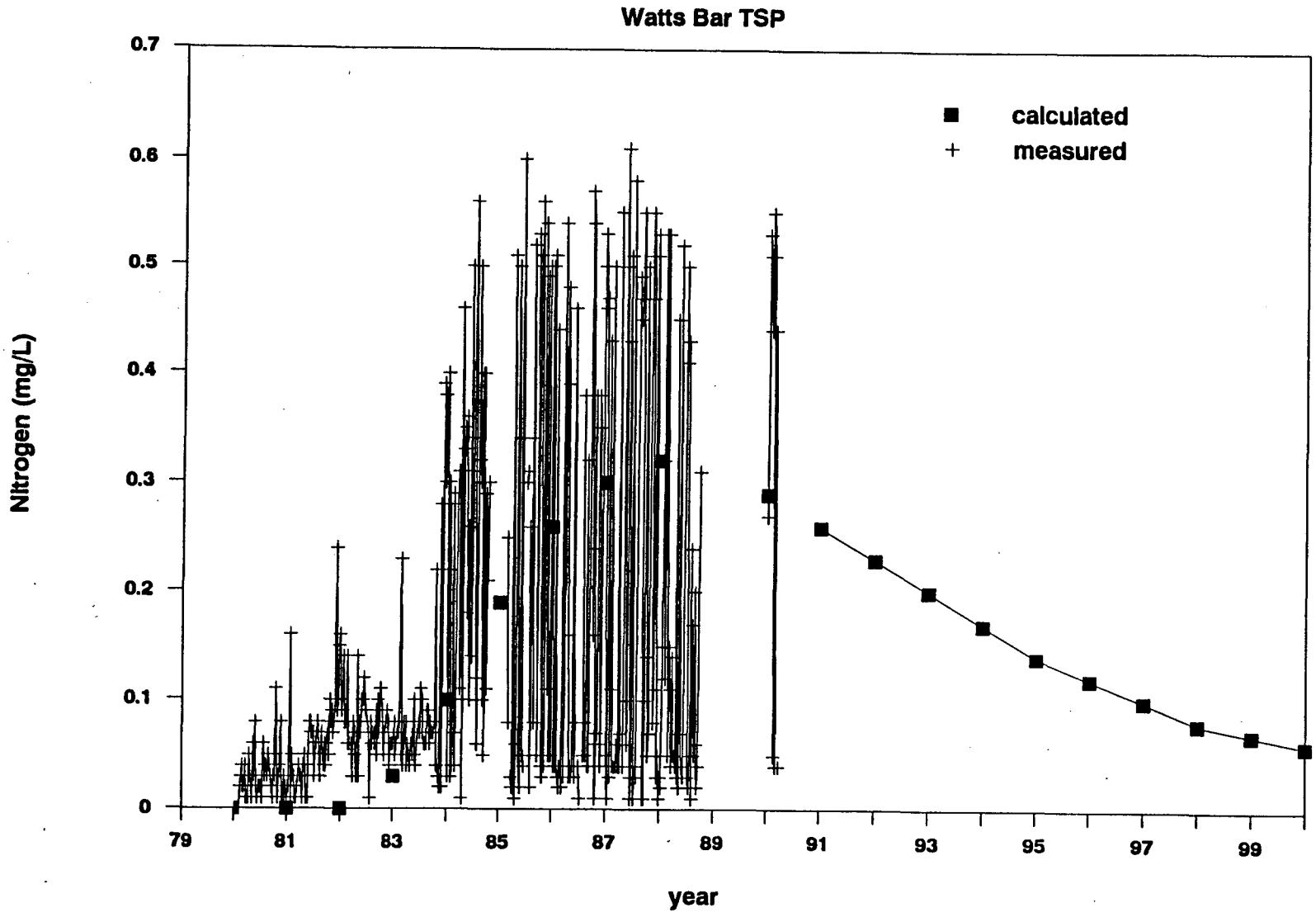
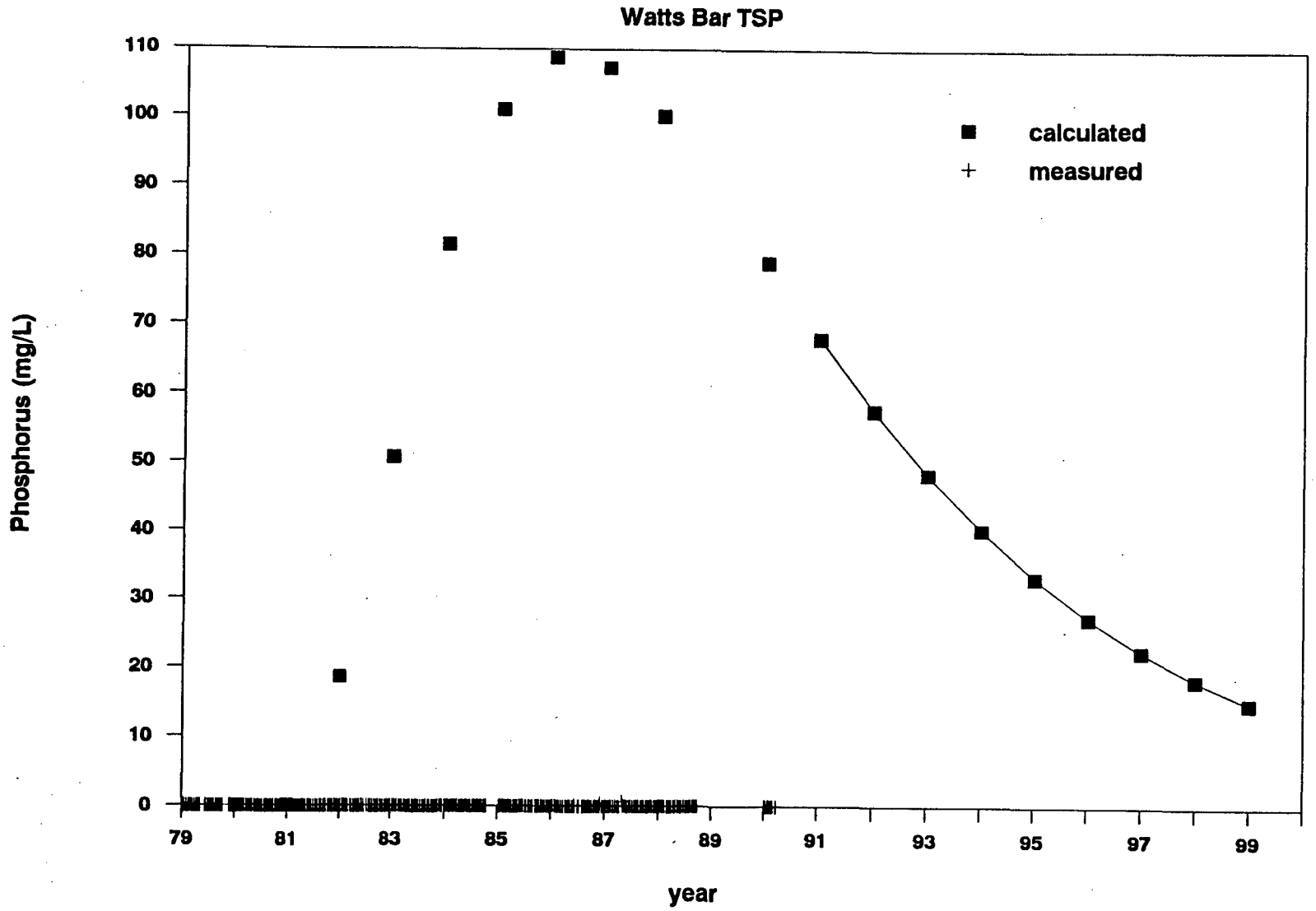


Figure 5.7

Phosphorus in Well 1



explicit, finite-difference model that is used to determine the advective component of the contaminant transport. The two-dimensional, vertically averaged dispersion model is based on an analytical solution to the mass transport equation with simplified boundary conditions and uses velocities predicted by FLOW. These models were developed to respond to potential emergency releases from TVA's nuclear power plants and have been calibrated and verified for Chickamauga Reservoir. The following assumptions are made:

1. The sodium is conservative.
2. The flow is steady, uniform, and varies gradually.
3. The flow is one-dimensional and incompressible.
4. The groundwater quickly mixes vertically as it enters the reservoir.
5. The free surface is level at each cross section.
6. The course of the reservoir can be analyzed as a straight line.
7. The vertical pressure distribution is hydrostatic.
8. The slope of the riverbed is small.
9. The differences in density and viscosity between the discharging groundwater and the reservoir water are negligible.
10. The groundwater discharge rate and sodium concentration is constant over the simulation period.

The groundwater discharge will have the greatest impact on the reservoir when the reservoir flow rate is low, due to decreased dilution. The lowest weekly discharge from Chickamauga Dam during 1989 occurred during April. Discharges from Watts Bar Dam and Chickamauga Dam, as well as headwater elevations from Chickamauga Dam, were input into the flow routing model. The flow model used this information and channel geometry to calculate velocities at various reaches of Chickamauga Reservoir. These velocities were used as input for the dispersion model. A continuous source of 0.01 cfs was simulated at Tennessee River Mile (TRM) 527.40, over a 2-week time period. Watts Bar Nuclear Plant is located on the right, or west bank of the reservoir. At 0.25 miles downstream, along the right bank (TRM 527.15), the sodium concentration is predicted to be 0.15 mg/L. Results using the maximum predicted source concentration (results from CONMIG) for boron are shown in Table 5.1. Additionally, sources were modeled for sodium, phosphorus and nitrogen using 1989 values from WN2, which are also shown in Table 5.1. The year the maximum concentration is predicted is also shown.

TABLE 5.1

Predicted Concentration Above Background
at Right Bank of River

	c/co	Concentration (mg/L)			
		Boron	Nitrogen	Phosphorus	Sodium
Source	1.0	0.34	0.52	0.02	1500
Ambient			0.042	0.026	
TRM					
527.15	$1.0x10^{-4}$	$3.4x10^{-5}$	$5.2x10^{-5}$	$2.0x10^{-6}$	$1.5x10^{-1}$
526.90	$4.1x10^{-5}$	$1.4x10^{-5}$	$2.1x10^{-5}$	$8.2x10^{-7}$	$6.2x10^{-2}$
526.65	$2.4x10^{-5}$	$8.2x10^{-6}$	$1.2x10^{-5}$	$4.8x10^{-7}$	$3.6x10^{-2}$
503.80*	$2.4x10^{-6}$	$8.2x10^{-7}$	$1.2x10^{-6}$	$4.8x10^{-8}$	$3.6x10^{-3}$
Year		1991-1992	1993	1992	1992

*Location of nearest downstream water intake (city of Dayton)

Concentrations are predicted in mg/L above ambient conditions. Total nitrogen (NH_3+NH_4) and total phosphorus were measured in the Tennessee River upstream of Watts Bar Nuclear Plant during January, April, May, June, and July 1990 (Bohac, 1990). Discrete samples were taken at a depth of 22 m and composite samples were taken in the epilimnion. Nitrogen and phosphorus concentrations averaged 0.042 mg/L and 0.026 mg/L, respectively. The predicted rise in nitrogen concentration in the river at .25 miles downstream is 0.1 percent. For phosphorus, the predicted rise is 0.008 percent.

6.0 ENVIRONMENTAL SIGNIFICANCE

6.1 Impact on Aquatic Life

California's "Water Quality Criteria" states that sodium concentrations of 500 to 1000 mg/L may be toxic to aquatic life (Mayfield, April 1985). Although the groundwater discharge concentration is estimated to exceed these levels, the model results show that the sodium is quickly diluted to levels which are safe for aquatic life.

Phosphorus loadings to reservoirs contribute to eutrophic conditions characterized by algal blooms, increased biological oxygen

demand, reduced dissolved oxygen and unpleasant tastes and odors. The critical level for summer growing conditions is 0.005 mg/L phosphorus (Sawyer and McCarty, 1978). The concentration in well WN2, next to the reservoir, was 0.02 mg/L in 1989. However, model results indicate that the phosphorus is diluted to $2x10^{-6}$ mg/L within the first 0.25 miles downstream along the right bank.

Ammonia-nitrogen (breakdown product of hydrazine) was also found in well WN1. The bacteriological conversion of ammonia to nitrate and nitrites requires oxygen, so the discharge of ammonia can reduce the dissolved oxygen of the reservoir.

6.2 Impact on Human Health

6.2.1 Surface Water Supplies--The nearest downstream water intake (city of Dayton) is located 24 miles downstream from the Watts Bar Nuclear Plant, on the right bank. The model results predict a maximum sodium concentration at the intake of $3x10^{-3}$ mg/L. This maximum concentration has been predicted using the 1989 groundwater concentration in well WN2 and the lowest reservoir flows for the year. Although there are no Primary Drinking Water Standards for sodium, the National Resources Council recommends a limit of 270 mg/L for persons on a restricted sodium diet (Mayfield, April 1985). The predicted concentration at the intake is well below this level. There are also no drinking water standards for phosphorus, nitrogen or boron.

6.2.2 Groundwater Supplies--Potable water for Watts Bar Nuclear Plant, Fossil Plant, Hydro Plant and Resort is supplied by three 8-inch diameter wells, located about 1500 feet upgradient from Watts Bar Fossil Plant. The depths of the wells range from 250 to 286 feet. The principal water-bearing zone is between 77 and 235 feet deep. The nearest domestic well is 1000 feet south of the water supply wells (McMaster, 1977). According to the groundwater flow direction indicated by measured water levels, constituents from the EP pond are not moving toward any of these wells.

6.3 Impact on Soil

6.3.1 Phosphorus--The low concentrations of phosphorus measured in well WN1 indicate that the majority of the phosphorus has been adsorbed by the soil and has not entered the groundwater system. A total of 40,000 lbs of phosphorus was discharged to the pond. According to the May 1988 sampling, pond water samples and water level indicate about 900 lbs or about two percent of the phosphorus remains in the pond.

6.3.2 Sodium-- Accumulated sodium in the root zone can restrict the ability of plants to absorb water (Hammer and MacKichen, 1981) Sodium can also cause clays to swell, thus reducing the hydraulic conductivity of the soil. This swelling is the most likely reason the EP pond slowed percolation.

7.0 CONCLUSIONS AND RECOMMENDATIONS

The disposal of TSP wastes has not impacted public or private water supplies and is not likely to do so in the future. Boron concentrations entering the reservoir can be predicted with the use of a simple two-dimensional analytical model. Nitrogen and sodium concentrations are higher than predicted, probably due to the influence of the yard holding pond. Most of the phosphorus remains in the soil. The receiving water for the TSP waste is the Tennessee River (Chickamauga Reservoir). Application of a convection and dispersion model showed that groundwater releases are immediately diluted to below detection limits in the reservoir.

Concentrations were at background levels during 1989, probably due to a dilution effect caused by the yard holding pond spilling over the weir. During 1990, concentrations of phosphorus, sodium, nitrogen and boron have returned to elevated levels. Model results predict maximum boron concentrations were reached in well WN1 during 1988 and that concentrations will return to background before the year 2000, assuming no additional boron is added.

To investigate the influence of the yard holding pond, it is recommended that the pond be sampled for boron, phosphorus, sodium and nitrogen on a monthly basis. Well WN2 appears to be effected by the yard holding pond. Therefore, it is recommended that WN2 be sampled on a weekly schedule for the same parameters as WN1. Well WN2 does not appear to be directly downgradient from the EP pond, based on the piezometric contours. Therefore, an additional well should be installed directly downgradient from the EP pond, adjacent to the reservoir, as shown in Figure 2.1. This well should also be sampled weekly for the same parameters as WN1. A new road will be needed to access this additional well.

Water samples from the EP pond in 1989 show that the boron and hydrazine has been leached out of the pond. Sodium concentrations are about 10 times greater than background groundwater concentrations. Phosphorus concentrations in the pond are significantly above background groundwater quality, but several orders of magnitude less than the water originally disposed of in the pond, due to dilution by rainwater and leaching into the soil. Metals concentrations are low in the pond. The pond should be closed because it provides a constant source of recharge, which leaches the phosphorus out of the soils beneath the pond into the groundwater. It is recommended that the remaining contents of the EP pond be landspread. The annual sodium application rate should not exceed 40 pounds of sodium per acre. Detailed records should be kept for the quantity and quality of waste being landspread. At least one monitoring well should be installed per landspreading area. These should be monitored quarterly for sodium, phosphorus, pH and nitrogen. When the water is emptied from the pond, the pond should be capped and revegetated.

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APPENDIX A

Well Installation Records

ROCK MONITORING WELL INSTALLATION RECORD

PROJECT WATTS BAR

WELL NUMBER WN-1

INSTALLATION DATE 12/14/72

PLANT COORDINATES EAST -822.1'

NORTH -3037.3'

GROUND SURFACE ELEVATION

TOP OF INNER CASING 695.3 ft msl

BACKFILL MATERIAL GROUT

CASING DIAMETER 6"

CASING MATERIAL GALVANIZED STEEL

DRILLING TECHNIQUE IN ROCK AIR ROTARY

DRILLING TECHNIQUE IN SOIL AIR ROTARY

DRILLING CONTRACTOR TVA

OUTER BOREHOLE DIAMETER 8"

OPEN BOREHOLE DIAMETER 6"

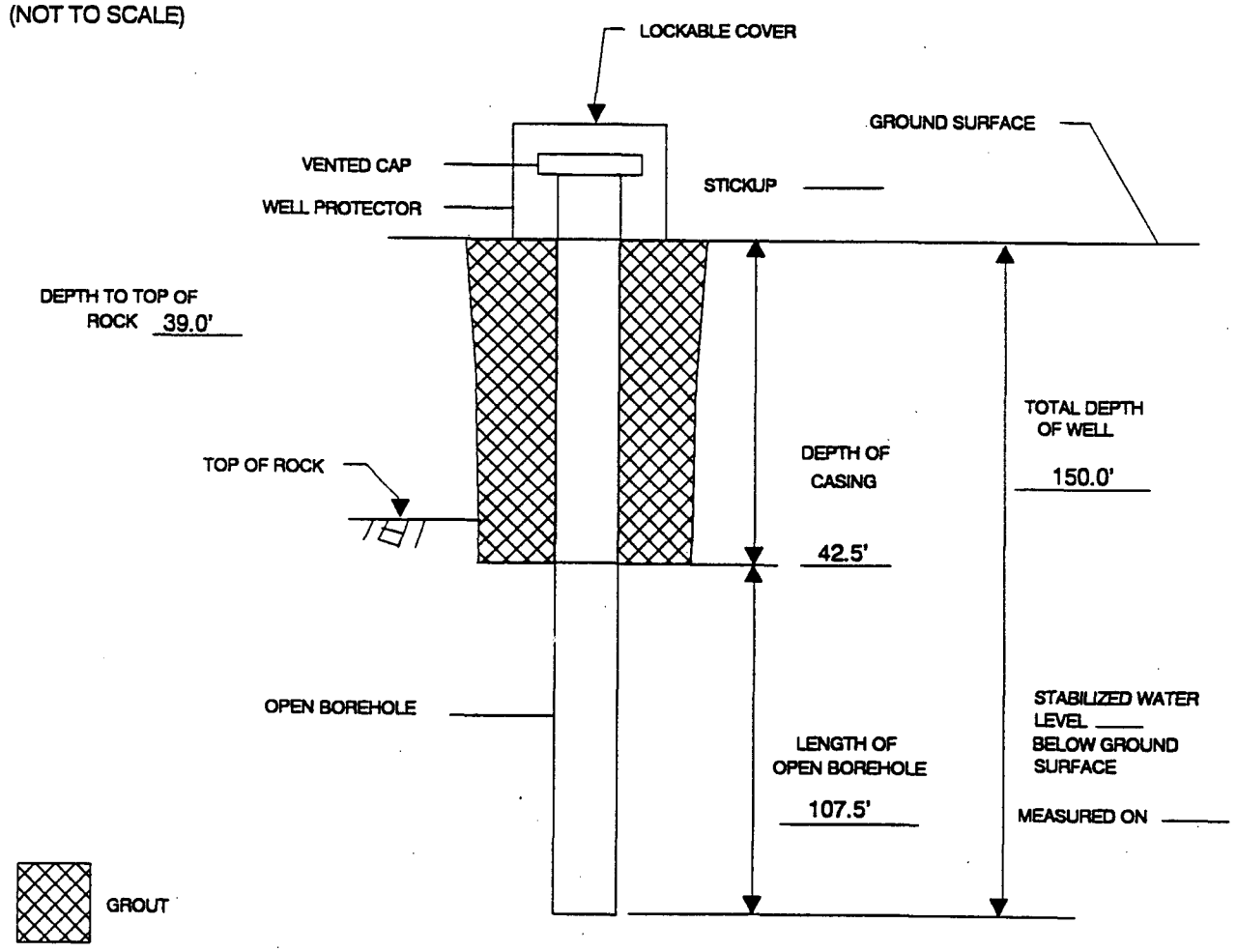
LOCKABLE COVER ? YES

FIELD REPRESENTATIVE

DRILLING FLUID

COMMENTS

(NOT TO SCALE)



ENG LAB 4/4/89

ROCK MONITORING WELL INSTALLATION RECORD

PROJECT WATTS BAR

WELL NUMBER WN-2 | INSTALLATION DATE 12/14/72

PLANT COORDINATES EAST 247.08' | NORTH -3221.94'

GROUND SURFACE ELEVATION _____ | TOP OF INNER CASING 700.9 ft msl

BACKFILL MATERIAL GROUT | CASING DIAMETER 6"

CASING MATERIAL GALVANIZED STEEL | DRILLING TECHNIQUE IN ROCK AIR ROTARY

DRILLING TECHNIQUE IN SOIL AIR ROTARY | DRILLING CONTRACTOR TVA

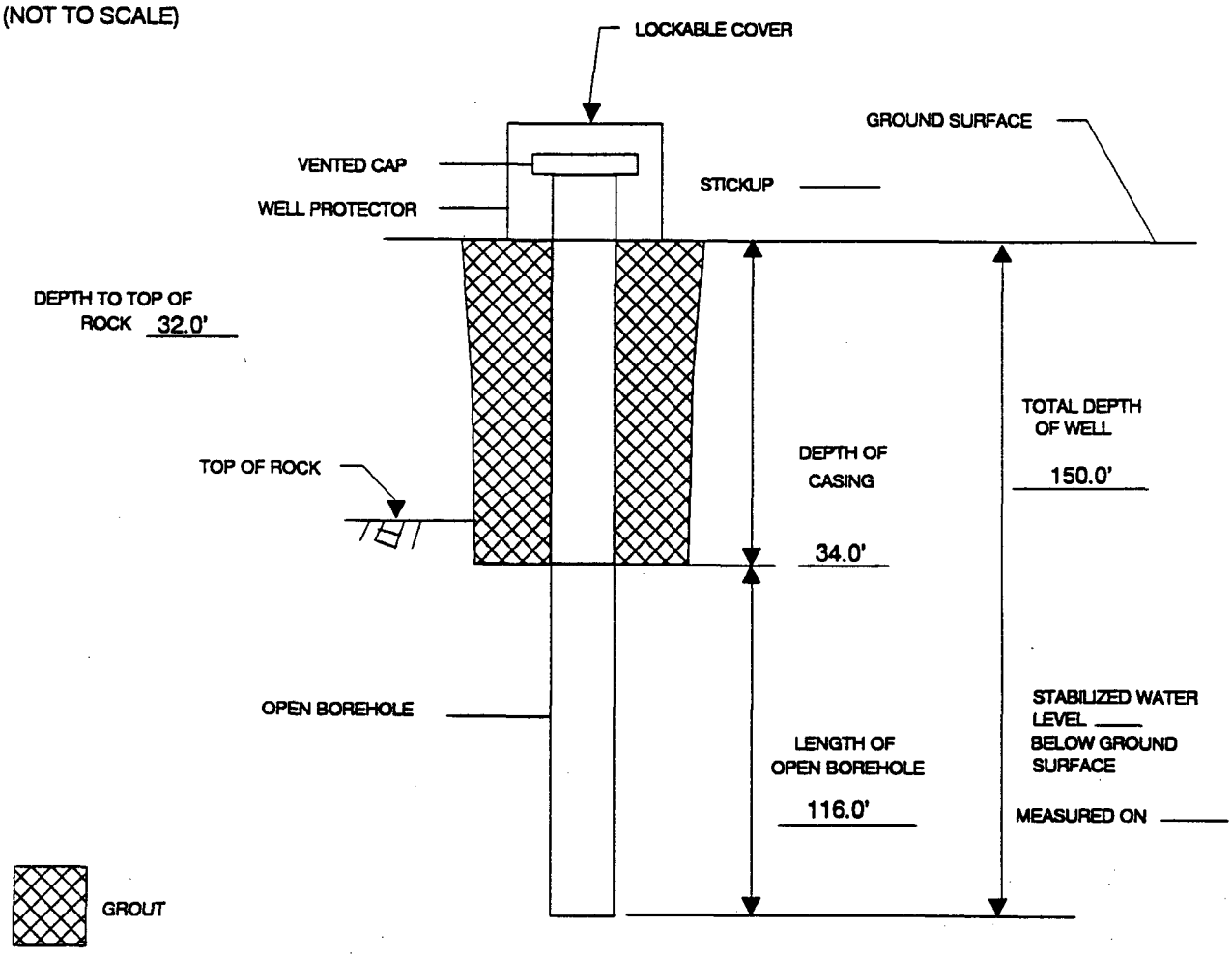
OUTER BOREHOLE DIAMETER 8" | OPEN BOREHOLE DIAMETER 6"

LOCKABLE COVER ? YES | FIELD REPRESENTATIVE _____

DRILLING FLUID _____

COMMENTS _____

(NOT TO SCALE)



ENG LAB 4/4/89

ROCK MONITORING WELL INSTALLATION RECORD

PROJECT WATTS BAR

WELL NUMBER WN-3 | INSTALLATION DATE 12/14/72

PLANT COORDINATES EAST 1813.29' | NORTH -2230.68'

GROUND SURFACE ELEVATION _____ | TOP OF INNER CASING 703.3 ft msl

BACKFILL MATERIAL GROUT | CASING DIAMETER 6"

CASING MATERIAL GALVANIZED STEEL | DRILLING TECHNIQUE IN ROCK AIR ROTARY

DRILLING TECHNIQUE IN SOIL AIR ROTARY | DRILLING CONTRACTOR TVA

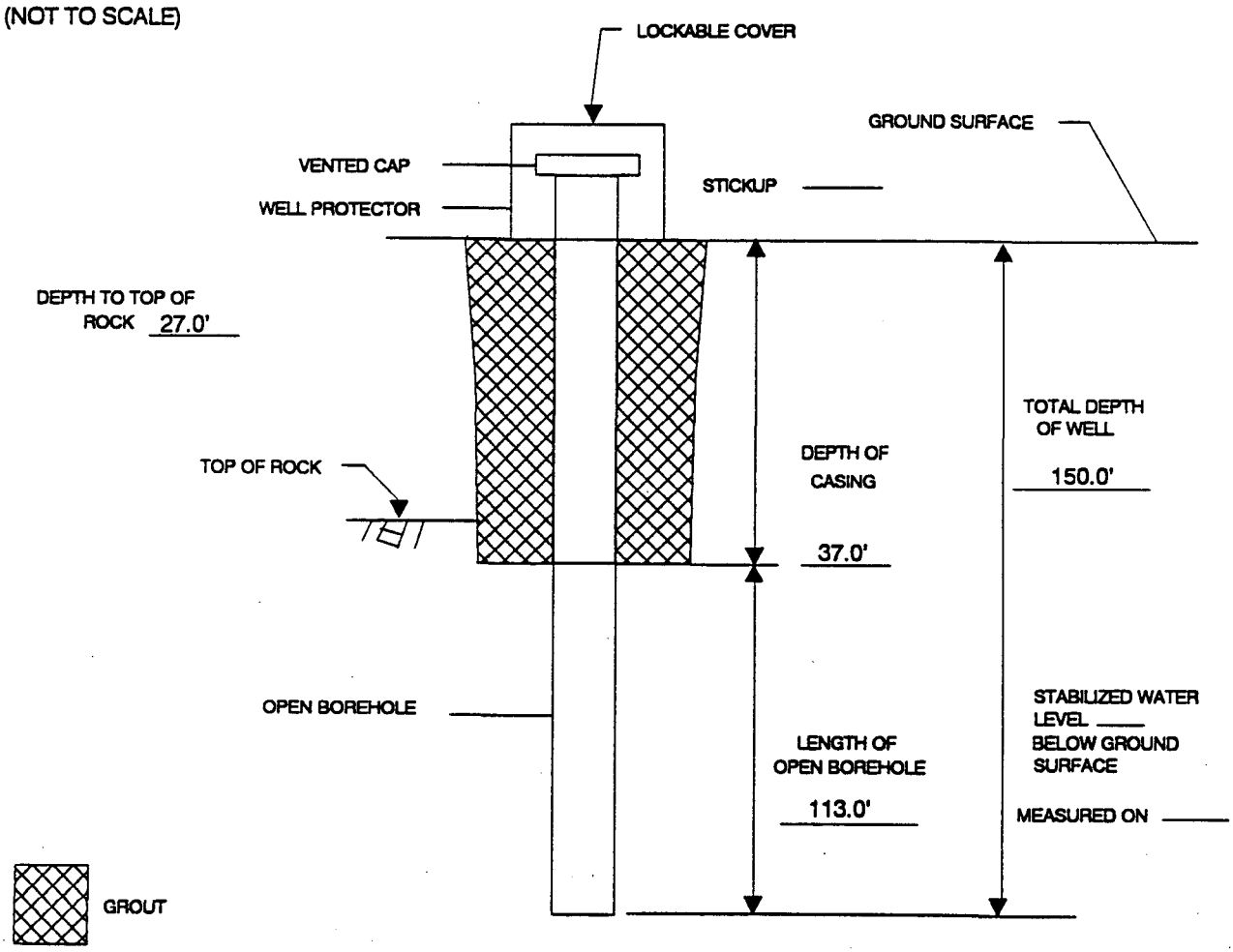
OUTER BOREHOLE DIAMETER 8" | OPEN BOREHOLE DIAMETER 6"

LOCKABLE COVER ? YES | FIELD REPRESENTATIVE _____

DRILLING FLUID _____

COMMENTS _____

(NOT TO SCALE)



ENG LAB 4/4/89

ROCK MONITORING WELL INSTALLATION RECORD

PROJECT WATTS BAR

WELL NUMBER WN-4

INSTALLATION DATE 12/14/72

PLANT COORDINATES EAST -248.58'

NORTH 1202.58'

GROUND SURFACE ELEVATION

TOP OF INNER CASING 729.4'ft msl

BACKFILL MATERIAL GROUT

CASING DIAMETER 6"

CASING MATERIAL GALVANIZED STEEL

DRILLING TECHNIQUE IN ROCK AIR ROTARY

DRILLING TECHNIQUE IN SOIL AIR ROTARY

DRILLING CONTRACTOR TVA

OUTER BOREHOLE DIAMETER 8"

OPEN BOREHOLE DIAMETER 6"

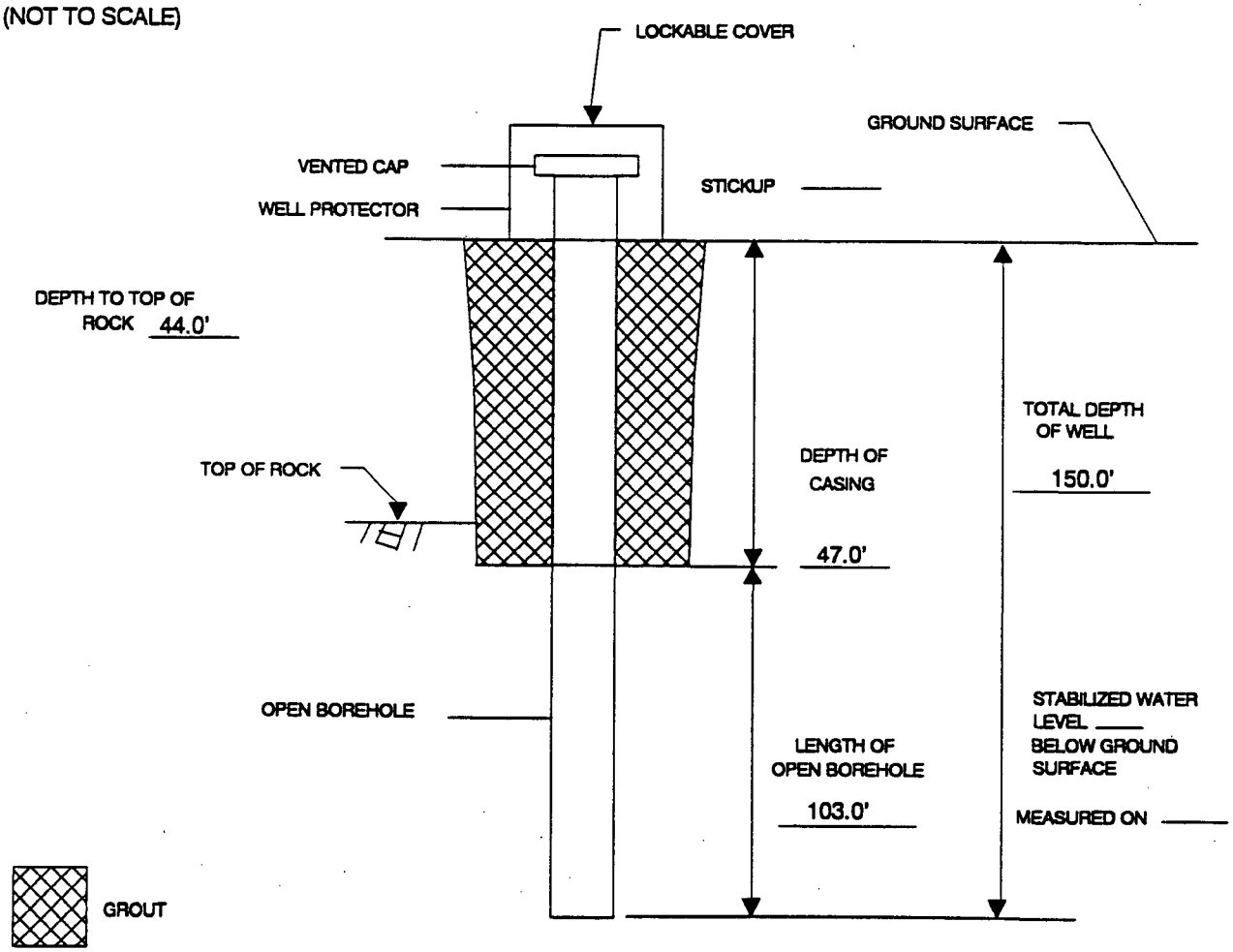
LOCKABLE COVER ? YES

FIELD REPRESENTATIVE

DRILLING FLUID

COMMENTS

(NOT TO SCALE)



ENG LAB 4/4/89

ROCK MONITORING WELL INSTALLATION RECORD

PROJECT WATTS BAR

WELL NUMBER WN-5

INSTALLATION DATE 12/14/72

PLANT COORDINATES EAST 361.28'

NORTH 2055.97'

GROUND SURFACE ELEVATION

TOP OF INNER CASING 744.4 ft msl

BACKFILL MATERIAL GROUT

CASING DIAMETER 6"

CASING MATERIAL GALVANIZED STEEL

DRILLING TECHNIQUE IN ROCK AIR ROTARY

DRILLING TECHNIQUE IN SOIL AIR ROTARY

DRILLING CONTRACTOR TVA

OUTER BOREHOLE DIAMETER 8"

OPEN BOREHOLE DIAMETER 6"

LOCKABLE COVER ? YES

FIELD REPRESENTATIVE

DRILLING FLUID

COMMENTS

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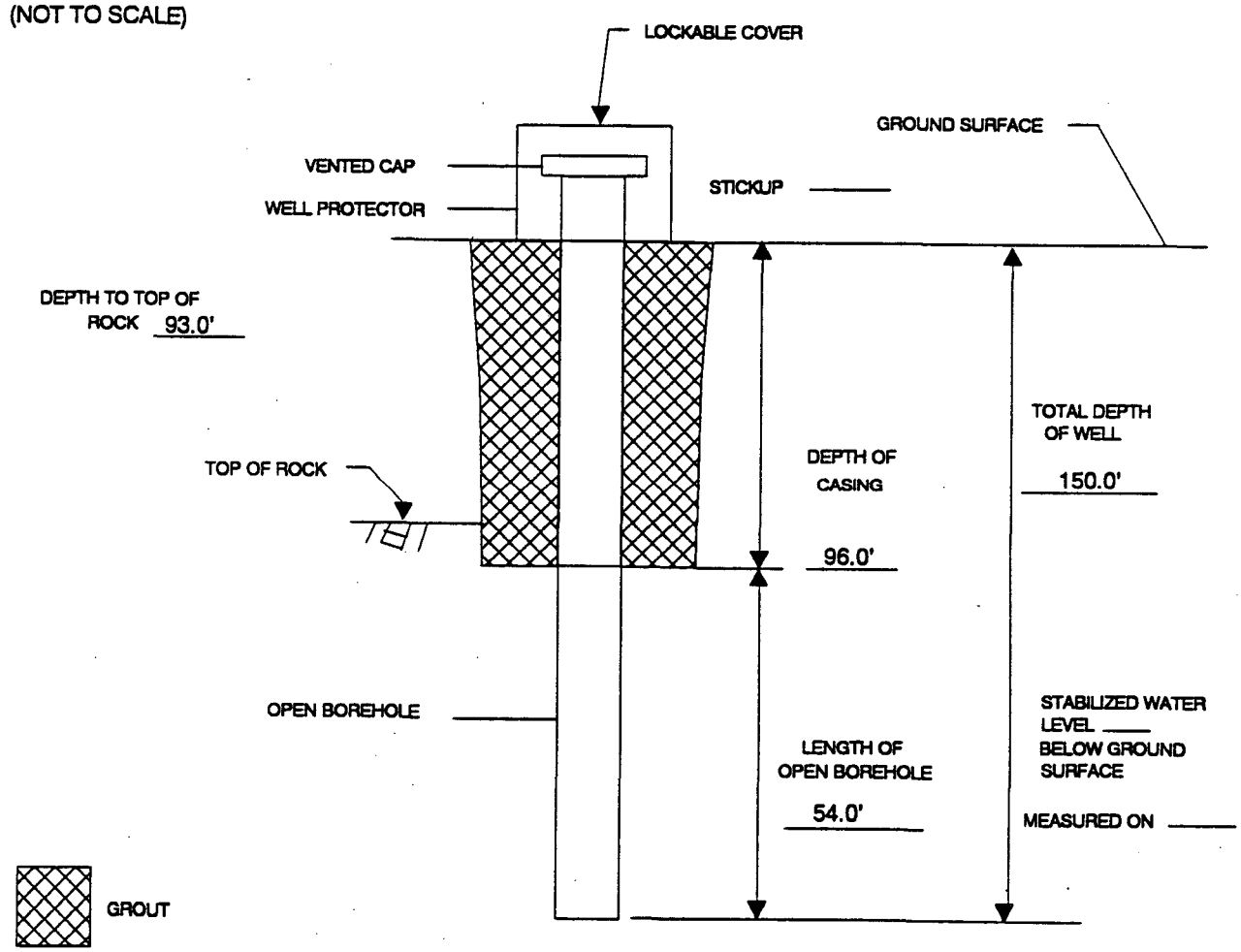


ENG LAB 4/4/89

ROCK MONITORING WELL INSTALLATION RECORD

PROJECT WATTS BAR

WELL NUMBER WN-6

INSTALLATION DATE 12/14/72

PLANT COORDINATES EAST -2987.46'

NORTH -209.35'

GROUND SURFACE ELEVATION

TOP OF INNER CASING 720.7'ft msl

BACKFILL MATERIAL GROUT

CASING DIAMETER 6"

CASING MATERIAL GALVANIZED STEEL

DRILLING TECHNIQUE IN ROCK AIR ROTARY

DRILLING TECHNIQUE IN SOIL AIR ROTARY

DRILLING CONTRACTOR TVA

OUTER BOREHOLE DIAMETER 8"

OPEN BOREHOLE DIAMETER 6"

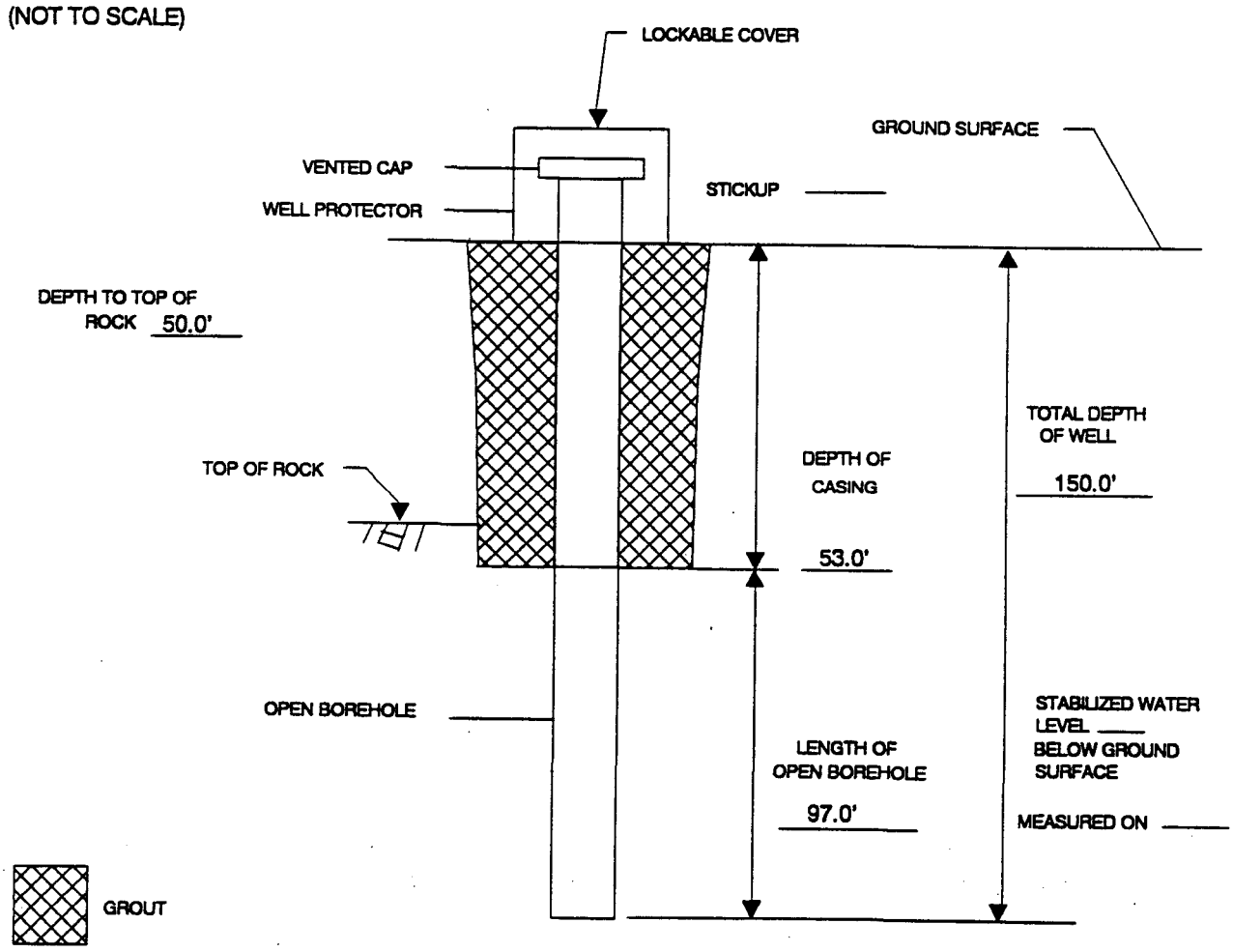
LOCKABLE COVER ? YES

FIELD REPRESENTATIVE

DRILLING FLUID

COMMENTS

(NOT TO SCALE)



ENG LAB 4/4/89

ROCK AND OVERBURDEN
MONITORING WELL INSTALLATION RECORD

PROJECT: WATTS BAR NUCLEAR - LONG TERM ONSITE STORAGE

WELL NUMBER: T1 (WN7)
INSTALLATION DATE: FEBRUARY 1981

PLANT COORDINATES EAST: -332.3 '
NORTH: 1741.7'

GROUND SURFACE ELEVATION: 727.0 ftmsl
TOP OF INNER CASING: 728.4 ftmsl

BACKFILL MATERIAL: SAND & PEA GRAVEL
CASING DIAMETER: 3 "

CASING MATERIAL: 3" PVC
DRILLING TECHNIQUE IN ROCK: PERCUSSION

DRILLING TECHNIQUE IN SOIL: AUGER
DRILLING CONTRACTOR: TVA

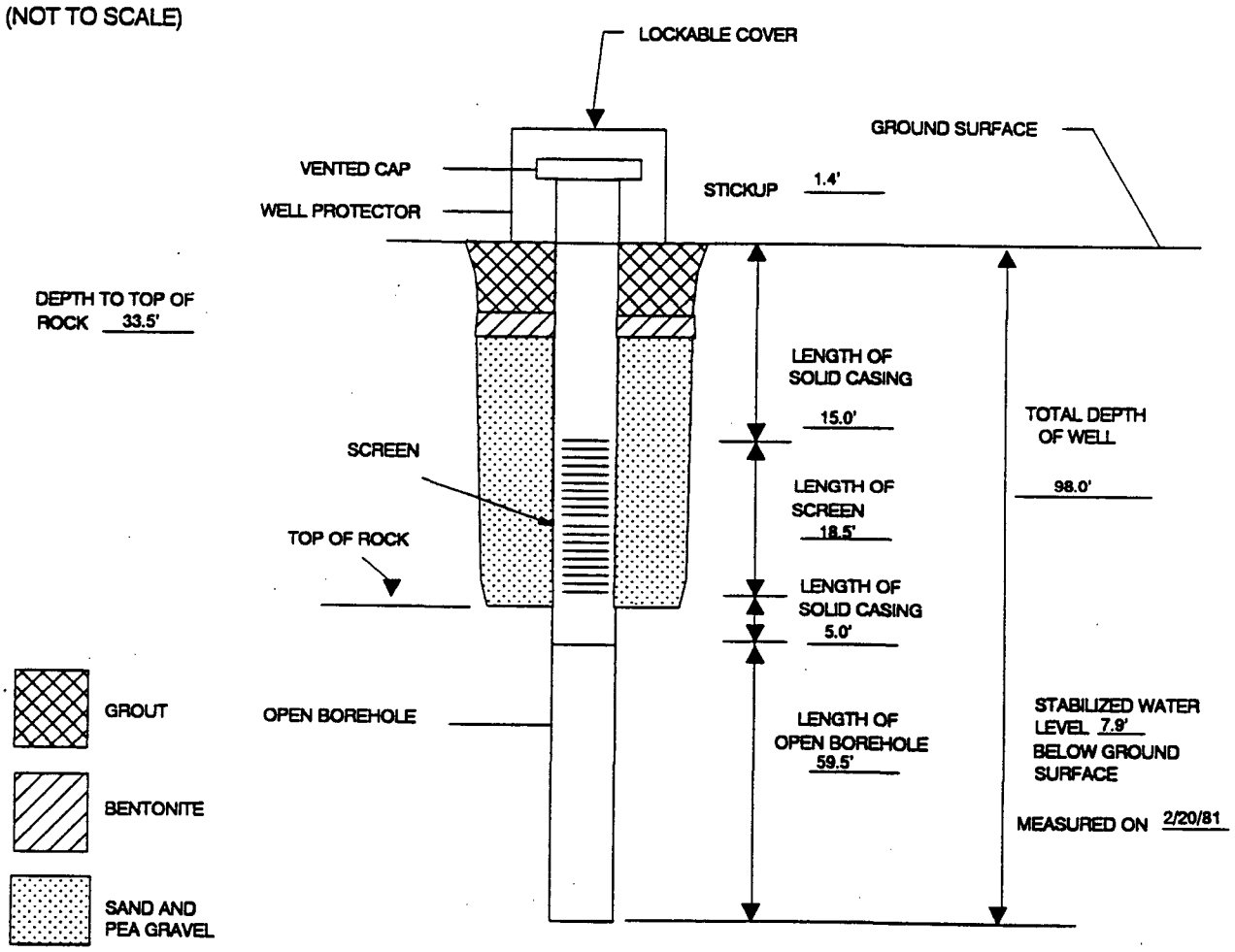
OUTER BOREHOLE DIAMETER: 12"
OPEN BOREHOLE DIAMETER: 4 "

LOCKABLE COVER ?: YES
FIELD REPRESENTATIVE: Jim Davenport

DRILLING FLUID:
SLOT SIZE: #10
FILTER CLOTH: Fiberglass

COMMENTS:

(NOT TO SCALE)



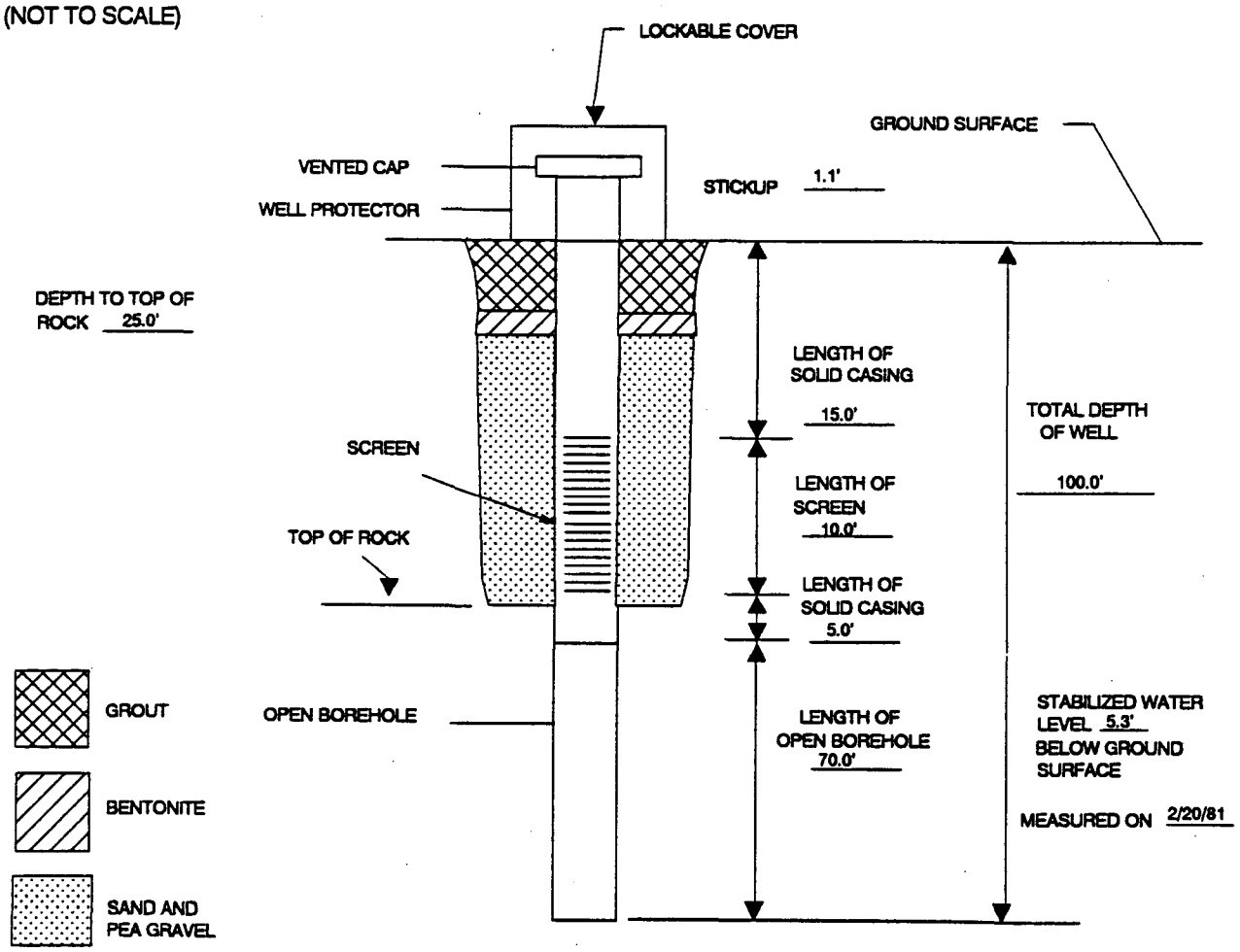
ENG LAB 3/22/89

ROCK AND OVERBURDEN
MONITORING WELL INSTALLATION RECORD

PROJECT: WATTS BAR NUCLEAR - LONG TERM ONSITE STORAGE

WELL NUMBER: T2 (WN8)
INSTALLATION DATE: FEBRUARY 1981
PLANT COORDINATES EAST: 254.3'
NORTH: 1299.6'
GROUND SURFACE ELEVATION: 730.5' ftmsl
TOP OF INNER CASING: 731.6 ftmsl
BACKFILL MATERIAL: SAND & PEA GRAVEL
CASING DIAMETER: 3"
CASING MATERIAL: 3" PVC
DRILLING TECHNIQUE IN ROCK: PERCUSSION
DRILLING TECHNIQUE IN SOIL: AUGER
DRILLING CONTRACTOR: TVA
OUTER BOREHOLE DIAMETER: 12"
OPEN BOREHOLE DIAMETER: 4"
LOCKABLE COVER ?: YES
FIELD REPRESENTATIVE: Jim Davenport
DRILLING FLUID:
SLOT SIZE: #10
FILTER CLOTH: fiberglass
COMMENTS:

(NOT TO SCALE)



ENG LAB 3/22/89

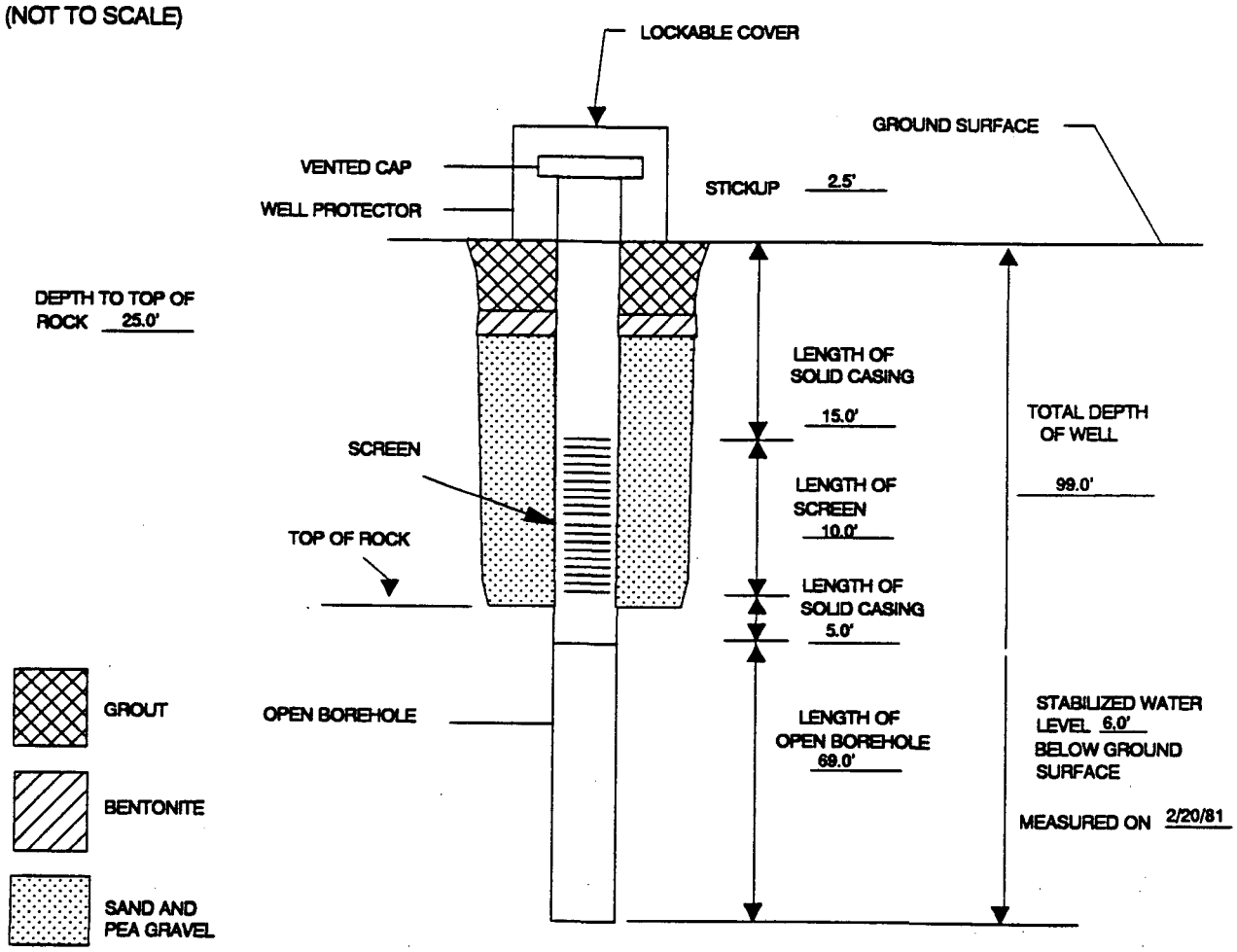
ROCK AND OVERBURDEN
MONITORING WELL INSTALLATION RECORD

PROJECT: WATTS BAR NUCLEAR - LONG TERM ONSITE STORAGE

WELL NUMBER	T3 (WN9)	INSTALLATION DATE	FEBRUARY 1981
PLANT COORDINATES EAST	629.8'	NORTH	1465.9'
GROUND SURFACE ELEVATION	725.5 ftmsl	TOP OF INNER CASING	728.0 ftmsl
BACKFILL MATERIAL	SAND & PEA GRAVEL	CASING DIAMETER	3"
CASING MATERIAL	3" PVC	DRILLING TECHNIQUE IN ROCK	PERCUSSION
DRILLING TECHNIQUE IN SOIL	AUGER	DRILLING CONTRACTOR	TVA
OUTER BOREHOLE DIAMETER	12"	OPEN BOREHOLE DIAMETER	4"
LOCKABLE COVER ?	YES	FIELD REPRESENTATIVE	Jim Davenport
		SLOT SIZE	#10
DRILLING FLUID		FILTER CLOTH	fiberglass

COMMENTS

(NOT TO SCALE)



ENG LAB 3/22/89

ROCK MONITORING WELL INSTALLATION RECORD

PROJECT: WATTS BAR

WELL NUMBER: WN-10 | INSTALLATION DATE: _____

PLANT COORDINATES EAST: 2000.0' | NORTH: -420.0'

GROUND SURFACE ELEVATION: _____ | TOP OF INNER CASING: _____

BACKFILL MATERIAL: GROUT | CASING DIAMETER: 6"

CASING MATERIAL: GALVANIZED STEEL | DRILLING TECHNIQUE IN ROCK: AIR ROTARY

DRILLING TECHNIQUE IN SOIL: AIR ROTARY | DRILLING CONTRACTOR: TVA

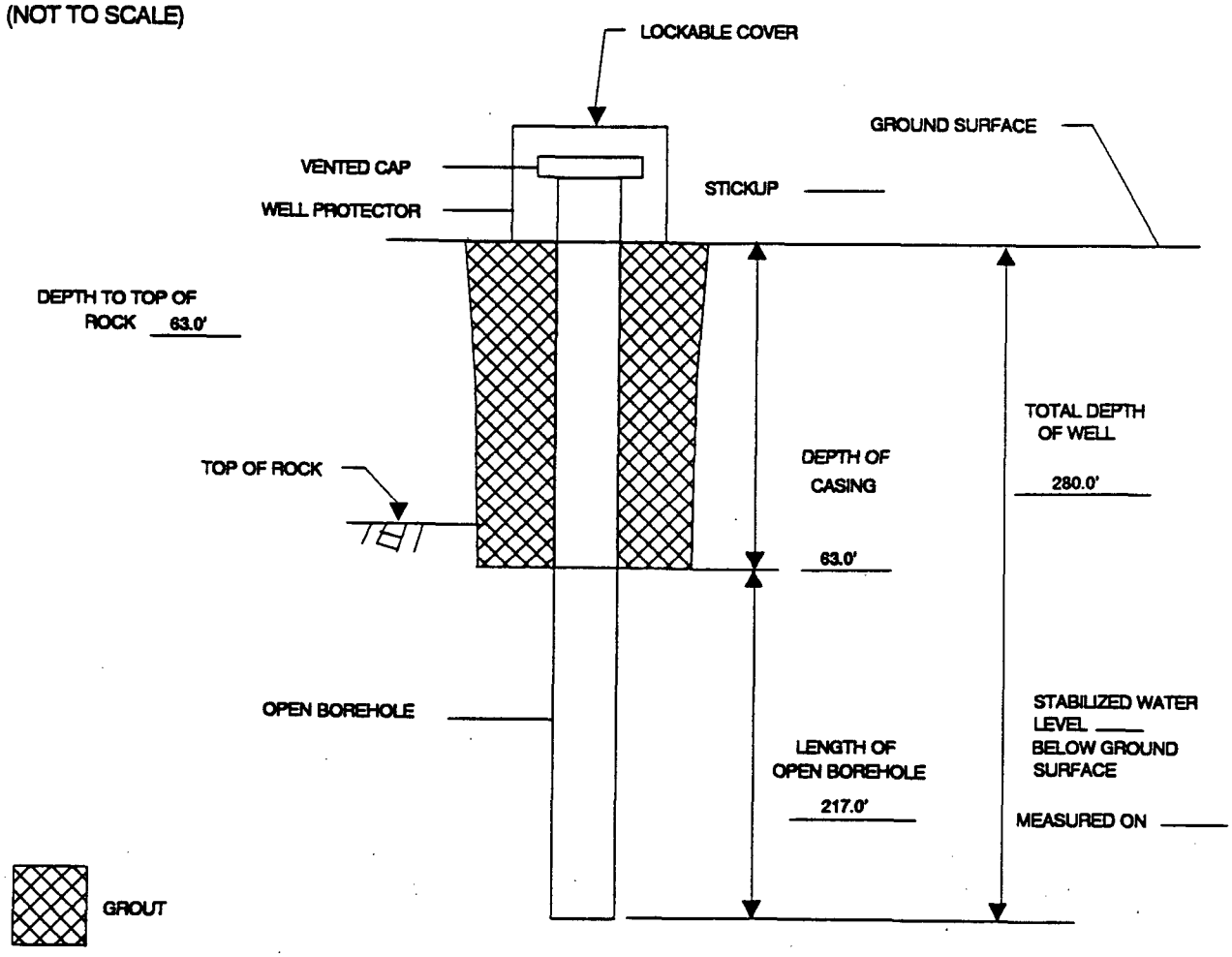
OUTER BOREHOLE DIAMETER: 8" | OPEN BOREHOLE DIAMETER: 6"

LOCKABLE COVER ?: YES | FIELD REPRESENTATIVE: Jim Davenport

DRILLING FLUID: NONE

COMMENTS: _____

(NOT TO SCALE)



ENG LAB 4/4/89

APPENDIX B

Input and Output From Conmig

DATA BASE: BORON

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NUMBER OF SIMULATION PERIODS 20   STARTING DATE 1/80
DURATION OF PERIOD 1          365
DURATION OF PERIOD 2          730
DURATION OF PERIOD 3          1095
DURATION OF PERIOD 4          1460
DURATION OF PERIOD 5          1825
DURATION OF PERIOD 6          2190
DURATION OF PERIOD 7          2555
DURATION OF PERIOD 8          2920
DURATION OF PERIOD 9          3285
DURATION OF PERIOD 10         3650
DURATION OF PERIOD 11         4015
DURATION OF PERIOD 12         4380
DURATION OF PERIOD 13         4745
DURATION OF PERIOD 14         5110
DURATION OF PERIOD 15         5475
DURATION OF PERIOD 16         5840
DURATION OF PERIOD 17         6205
DURATION OF PERIOD 18         6570
DURATION OF PERIOD 19         6935
DURATION OF PERIOD 20         7300
NUMBER OF TIME PERIODS, COLUMNS AND ROWS 20                23
 23
GRID SIZE, X AND Y ORIGIN 100              1               1
ACTUAL AND EFFECTIVE POROSITY .2           .2
AQUIFER THICKNESS 25
SIMULATION PERIOD  1
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160               80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35           1
     INJECTION VOLUME AND CONC 16000       2000
     TIME SINCE SOURCE BEGAN 365
SIMULATION PERIOD  2
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160               80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35           1
     INJECTION VOLUME AND CONC 16000       2000
     TIME SINCE SOURCE BEGAN 730
SIMULATION PERIOD  3
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160               80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35           1
     INJECTION VOLUME AND CONC 16000       2000
     TIME SINCE SOURCE BEGAN 1095
SIMULATION PERIOD  4
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160               80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35           1
     INJECTION VOLUME AND CONC 16000       2000
     TIME SINCE SOURCE BEGAN 1460
SIMULATION PERIOD  5
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160               80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35           1
     INJECTION VOLUME AND CONC 16000       2000
     TIME SINCE SOURCE BEGAN 1825
SIMULATION PERIOD  6
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160               80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35           1
     INJECTION VOLUME AND CONC 16000       2000
     TIME SINCE SOURCE BEGAN 2190
SIMULATION PERIOD  7
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160               80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35           1
     INJECTION VOLUME AND CONC 16000       2000
     TIME SINCE SOURCE BEGAN 2555
SIMULATION PERIOD  8
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NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 365.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.01	0.02	0.03	0.03	0.03	0.02	0.01
9	0.03	0.07	0.13	0.20	0.24	0.22	0.16	0.09
10	0.12	0.30	0.58	0.88	1.03	0.95	0.69	0.39
11	0.33	0.80	1.54	2.32	2.73	2.51	1.82	1.03
12	0.53	1.30	2.50	3.76	4.43	4.08	2.95	1.67
13	0.53	1.30	2.49	3.74	4.41	4.06	2.93	1.66
14	0.32	0.79	1.52	2.28	2.69	2.48	1.79	1.01
15	0.12	0.30	0.57	0.85	1.01	0.93	0.67	0.38
16	0.03	0.07	0.13	0.20	0.23	0.21	0.15	0.09
17	0.00	0.01	0.02	0.03	0.03	0.03	0.02	0.01
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00
10	0.17	0.06	0.02	0.00	0.00	0.00	0.00	0.00
11	0.45	0.16	0.04	0.01	0.00	0.00	0.00	0.00
12	0.74	0.26	0.07	0.01	0.00	0.00	0.00	0.00
13	0.73	0.25	0.07	0.01	0.00	0.00	0.00	0.00
14	0.45	0.16	0.04	0.01	0.00	0.00	0.00	0.00
15	0.17	0.06	0.02	0.00	0.00	0.00	0.00	0.00
16	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00
17	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

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LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            1
     INJECTION VOLUME AND CONC 16000        2000
     TIME SINCE SOURCE BEGAN 2920
SIMULATION PERIOD  9
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            1
     INJECTION VOLUME AND CONC 16000        2000
     TIME SINCE SOURCE BEGAN 3285
SIMULATION PERIOD  10
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            1
     INJECTION VOLUME AND CONC 16000        2000
     TIME SINCE SOURCE BEGAN 3650
SIMULATION PERIOD  11
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            1
     INJECTION VOLUME AND CONC 16000        2000
     TIME SINCE SOURCE BEGAN 4015
SIMULATION PERIOD  12
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            1
     INJECTION VOLUME AND CONC 16000        2000
     TIME SINCE SOURCE BEGAN 4380
SIMULATION PERIOD  13
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            1
     INJECTION VOLUME AND CONC 16000        2000
     TIME SINCE SOURCE BEGAN 4745
SIMULATION PERIOD  14
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            1
     INJECTION VOLUME AND CONC 16000        2000
     TIME SINCE SOURCE BEGAN 5110
SIMULATION PERIOD  15
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            1
     INJECTION VOLUME AND CONC 16000        2000
     TIME SINCE SOURCE BEGAN 5475
SIMULATION PERIOD  16
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            1
     INJECTION VOLUME AND CONC 16000        2000
     TIME SINCE SOURCE BEGAN 5840
SIMULATION PERIOD  17
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            1
     INJECTION VOLUME AND CONC 16000        2000
     TIME SINCE SOURCE BEGAN 6205
SIMULATION PERIOD  18
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            1
     INJECTION VOLUME AND CONC 16000        2000
     TIME SINCE SOURCE BEGAN 6570
SIMULATION PERIOD  19
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            1
     INJECTION VOLUME AND CONC 16000        2000
     TIME SINCE SOURCE BEGAN 6935
SIMULATION PERIOD  20
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            1
     INJECTION VOLUME AND CONC 16000        2000
     TIME SINCE SOURCE BEGAN 7300
USING ADSORPTION OR RADIOACTIVE DECAY? 2   2
 2
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3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 730.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01
7	0.01	0.02	0.03	0.04	0.05	0.06	0.06	0.05
8	0.03	0.06	0.10	0.14	0.18	0.20	0.20	0.17
9	0.09	0.16	0.26	0.37	0.47	0.52	0.52	0.46
10	0.18	0.33	0.53	0.77	0.97	1.09	1.08	0.95
11	0.29	0.54	0.87	1.25	1.58	1.77	1.76	1.55
12	0.37	0.68	1.11	1.59	2.01	2.26	2.24	1.97
13	0.37	0.68	1.10	1.58	2.01	2.25	2.24	1.97
14	0.29	0.53	0.86	1.24	1.57	1.76	1.75	1.54
15	0.18	0.33	0.53	0.76	0.96	1.08	1.07	0.94
16	0.09	0.16	0.25	0.36	0.46	0.52	0.51	0.45
17	0.03	0.06	0.09	0.14	0.17	0.19	0.19	0.17
18	0.01	0.02	0.03	0.04	0.05	0.06	0.06	0.05
19	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
7	0.04	0.03	0.02	0.01	0.00	0.00	0.00	0.00
8	0.13	0.09	0.06	0.03	0.01	0.01	0.00	0.00

9	0.36	0.25	0.15	0.08	0.04	0.02	0.01	0.00
10	0.74	0.51	0.31	0.17	0.08	0.03	0.01	0.00
11	1.20	0.83	0.50	0.27	0.13	0.05	0.02	0.01
12	1.53	1.06	0.64	0.35	0.17	0.07	0.03	0.01
13	1.53	1.05	0.64	0.35	0.16	0.07	0.03	0.01
14	1.20	0.82	0.50	0.27	0.13	0.05	0.02	0.01
15	0.73	0.50	0.31	0.17	0.08	0.03	0.01	0.00
16	0.35	0.24	0.15	0.08	0.04	0.02	0.01	0.00
17	0.13	0.09	0.06	0.03	0.01	0.01	0.00	0.00
18	0.04	0.03	0.02	0.01	0.00	0.00	0.00	0.00
19	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 1095.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
6	0.01	0.01	0.02	0.03	0.04	0.04	0.05	0.05
7	0.02	0.04	0.05	0.08	0.10	0.12	0.13	0.13
8	0.05	0.08	0.12	0.17	0.22	0.27	0.30	0.30
9	0.09	0.15	0.23	0.33	0.43	0.52	0.57	0.58
10	0.15	0.25	0.38	0.54	0.70	0.84	0.93	0.94
11	0.21	0.34	0.53	0.74	0.97	1.16	1.28	1.31
12	0.24	0.41	0.62	0.88	1.14	1.36	1.51	1.54
13	0.24	0.40	0.62	0.87	1.14	1.36	1.51	1.53
14	0.21	0.34	0.53	0.74	0.96	1.16	1.28	1.30

15	0.15	0.25	0.38	0.53	0.69	0.83	0.92	0.94
16	0.09	0.15	0.23	0.33	0.43	0.51	0.56	0.57
17	0.05	0.08	0.12	0.17	0.22	0.26	0.29	0.30
18	0.02	0.03	0.05	0.08	0.10	0.12	0.13	0.13
19	0.01	0.01	0.02	0.03	0.04	0.04	0.05	0.05
20	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.02	0.01	0.01	0.01	0.01	0.00	0.00	0.00
6	0.05	0.04	0.03	0.02	0.02	0.01	0.01	0.00
7	0.13	0.11	0.09	0.06	0.04	0.03	0.02	0.01
8	0.28	0.25	0.20	0.14	0.10	0.06	0.04	0.02
9	0.54	0.47	0.38	0.28	0.19	0.12	0.07	0.04
10	0.89	0.77	0.61	0.45	0.30	0.19	0.11	0.06
11	1.23	1.06	0.85	0.62	0.42	0.26	0.15	0.08
12	1.44	1.25	0.99	0.73	0.49	0.31	0.18	0.09
13	1.44	1.24	0.99	0.73	0.49	0.31	0.18	0.09
14	1.22	1.06	0.84	0.62	0.42	0.26	0.15	0.08
15	0.88	0.76	0.61	0.45	0.30	0.19	0.11	0.06
16	0.54	0.47	0.37	0.27	0.18	0.12	0.07	0.04
17	0.28	0.24	0.19	0.14	0.10	0.06	0.03	0.02
18	0.12	0.11	0.09	0.06	0.04	0.03	0.02	0.01
19	0.05	0.04	0.03	0.02	0.02	0.01	0.01	0.00
20	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	0.01	0.00	0.00	0.00	0.00	0.00	0.00	
9	0.02	0.01	0.00	0.00	0.00	0.00	0.00	
10	0.03	0.01	0.01	0.00	0.00	0.00	0.00	
11	0.04	0.02	0.01	0.00	0.00	0.00	0.00	
12	0.05	0.02	0.01	0.00	0.00	0.00	0.00	
13	0.05	0.02	0.01	0.00	0.00	0.00	0.00	
14	0.04	0.02	0.01	0.00	0.00	0.00	0.00	
15	0.03	0.01	0.01	0.00	0.00	0.00	0.00	
16	0.02	0.01	0.00	0.00	0.00	0.00	0.00	
17	0.01	0.00	0.00	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 1460.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01
5	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.04
6	0.01	0.02	0.03	0.04	0.05	0.07	0.08	0.09
7	0.03	0.04	0.06	0.09	0.11	0.14	0.16	0.18
8	0.05	0.08	0.11	0.16	0.21	0.26	0.30	0.33
9	0.08	0.12	0.19	0.26	0.34	0.42	0.49	0.54
10	0.11	0.18	0.27	0.38	0.49	0.61	0.71	0.78
11	0.15	0.23	0.34	0.48	0.63	0.78	0.91	1.00
12	0.16	0.26	0.39	0.54	0.71	0.88	1.03	1.13
13	0.16	0.26	0.39	0.54	0.71	0.88	1.03	1.12
14	0.14	0.23	0.34	0.48	0.63	0.78	0.91	0.99
15	0.11	0.18	0.27	0.37	0.49	0.61	0.71	0.78
16	0.08	0.12	0.18	0.26	0.34	0.42	0.49	0.54
17	0.05	0.08	0.11	0.16	0.21	0.26	0.30	0.33
18	0.03	0.04	0.06	0.09	0.11	0.14	0.16	0.18
19	0.01	0.02	0.03	0.04	0.05	0.07	0.08	0.09
20	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.04
21	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00
5	0.04	0.04	0.03	0.03	0.02	0.02	0.01	0.01
6	0.09	0.09	0.08	0.07	0.05	0.04	0.03	0.02
7	0.19	0.18	0.16	0.14	0.11	0.09	0.06	0.04
8	0.34	0.33	0.30	0.26	0.21	0.16	0.11	0.08
9	0.56	0.54	0.49	0.42	0.34	0.26	0.19	0.12
10	0.81	0.78	0.71	0.61	0.49	0.38	0.27	0.18
11	1.03	1.00	0.91	0.78	0.63	0.48	0.34	0.23
12	1.16	1.13	1.03	0.88	0.71	0.54	0.39	0.26
13	1.16	1.12	1.03	0.88	0.71	0.54	0.39	0.26
14	1.02	0.99	0.91	0.78	0.63	0.48	0.34	0.23
15	0.80	0.78	0.71	0.61	0.49	0.37	0.27	0.18
16	0.55	0.54	0.49	0.42	0.34	0.26	0.18	0.12
17	0.34	0.33	0.30	0.26	0.21	0.16	0.11	0.08
18	0.18	0.18	0.16	0.14	0.11	0.09	0.06	0.04
19	0.09	0.09	0.08	0.07	0.05	0.04	0.03	0.02
20	0.04	0.04	0.03	0.03	0.02	0.02	0.01	0.01
21	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	0.01	0.00	0.00	0.00	0.00	0.00	0.00	

6	0.01	0.01	0.00	0.00	0.00	0.00	0.00
7	0.03	0.02	0.01	0.00	0.00	0.00	0.00
8	0.05	0.03	0.02	0.01	0.00	0.00	0.00
9	0.08	0.05	0.03	0.01	0.01	0.00	0.00
10	0.11	0.07	0.04	0.02	0.01	0.00	0.00
11	0.15	0.09	0.05	0.03	0.01	0.01	0.00
12	0.16	0.10	0.05	0.03	0.01	0.01	0.00
13	0.16	0.10	0.05	0.03	0.01	0.01	0.00
14	0.14	0.09	0.05	0.03	0.01	0.01	0.00
15	0.11	0.07	0.04	0.02	0.01	0.00	0.00
16	0.08	0.05	0.03	0.01	0.01	0.00	0.00
17	0.05	0.03	0.02	0.01	0.00	0.00	0.00
18	0.03	0.02	0.01	0.00	0.00	0.00	0.00
19	0.01	0.01	0.00	0.00	0.00	0.00	0.00
20	0.01	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 1825.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
4	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.02
5	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.05
6	0.01	0.02	0.03	0.05	0.06	0.08	0.09	0.11
7	0.03	0.04	0.06	0.08	0.11	0.14	0.17	0.19
8	0.04	0.07	0.10	0.13	0.18	0.22	0.27	0.31
9	0.06	0.10	0.14	0.20	0.26	0.33	0.40	0.46
10	0.08	0.13	0.19	0.27	0.35	0.44	0.53	0.61
11	0.10	0.16	0.23	0.32	0.43	0.54	0.65	0.74
12	0.11	0.17	0.25	0.36	0.47	0.60	0.72	0.82
13	0.11	0.17	0.25	0.35	0.47	0.59	0.72	0.82
14	0.10	0.16	0.23	0.32	0.43	0.54	0.65	0.74
15	0.08	0.13	0.19	0.26	0.35	0.44	0.53	0.61
16	0.06	0.10	0.14	0.20	0.26	0.33	0.40	0.45
17	0.04	0.07	0.10	0.13	0.18	0.22	0.27	0.31
18	0.03	0.04	0.06	0.08	0.11	0.14	0.16	0.19
19	0.01	0.02	0.03	0.05	0.06	0.08	0.09	0.10
20	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.05
21	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.02
22	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
4	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.01
5	0.06	0.06	0.06	0.06	0.05	0.04	0.04	0.03
6	0.12	0.12	0.12	0.11	0.10	0.09	0.07	0.05
7	0.21	0.22	0.21	0.20	0.18	0.15	0.12	0.10
8	0.34	0.35	0.35	0.33	0.29	0.25	0.20	0.16
9	0.50	0.52	0.51	0.48	0.43	0.37	0.30	0.23
10	0.67	0.69	0.69	0.65	0.58	0.50	0.40	0.31
11	0.81	0.84	0.83	0.79	0.71	0.60	0.49	0.38

12	0.89	0.93	0.92	0.87	0.78	0.66	0.54	0.42
13	0.89	0.93	0.92	0.87	0.78	0.66	0.54	0.42
14	0.81	0.84	0.83	0.78	0.70	0.60	0.49	0.38
15	0.67	0.69	0.68	0.64	0.58	0.49	0.40	0.31
16	0.50	0.51	0.51	0.48	0.43	0.37	0.30	0.23
17	0.33	0.35	0.34	0.32	0.29	0.25	0.20	0.16
18	0.21	0.21	0.21	0.20	0.18	0.15	0.12	0.10
19	0.11	0.12	0.12	0.11	0.10	0.08	0.07	0.05
20	0.06	0.06	0.06	0.06	0.05	0.04	0.03	0.03
21	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.01
22	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	0.01	0.01	0.00	0.00	0.00	0.00	0.00	
5	0.02	0.01	0.01	0.01	0.00	0.00	0.00	
6	0.04	0.03	0.02	0.01	0.01	0.00	0.00	
7	0.07	0.05	0.03	0.02	0.01	0.01	0.00	
8	0.12	0.08	0.05	0.03	0.02	0.01	0.01	
9	0.17	0.12	0.08	0.05	0.03	0.02	0.01	
10	0.23	0.16	0.11	0.07	0.04	0.02	0.01	
11	0.28	0.20	0.13	0.08	0.05	0.03	0.02	
12	0.31	0.22	0.14	0.09	0.06	0.03	0.02	
13	0.31	0.22	0.14	0.09	0.06	0.03	0.02	
14	0.28	0.20	0.13	0.08	0.05	0.03	0.02	
15	0.23	0.16	0.11	0.07	0.04	0.02	0.01	
16	0.17	0.12	0.08	0.05	0.03	0.02	0.01	
17	0.12	0.08	0.05	0.03	0.02	0.01	0.01	
18	0.07	0.05	0.03	0.02	0.01	0.01	0.00	
19	0.04	0.03	0.02	0.01	0.01	0.00	0.00	
20	0.02	0.01	0.01	0.01	0.00	0.00	0.00	
21	0.01	0.01	0.00	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 2190.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
3	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
4	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.03
5	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.06
6	0.01	0.02	0.03	0.04	0.06	0.08	0.09	0.11
7	0.02	0.04	0.05	0.07	0.10	0.12	0.15	0.18
8	0.04	0.05	0.08	0.11	0.14	0.18	0.23	0.27
9	0.05	0.07	0.11	0.15	0.20	0.25	0.31	0.37
10	0.06	0.09	0.14	0.19	0.25	0.33	0.40	0.47
11	0.07	0.11	0.16	0.22	0.30	0.38	0.47	0.55
12	0.08	0.12	0.17	0.24	0.32	0.41	0.51	0.60
13	0.08	0.12	0.17	0.24	0.32	0.41	0.51	0.60
14	0.07	0.11	0.16	0.22	0.30	0.38	0.47	0.55
15	0.06	0.09	0.14	0.19	0.25	0.32	0.40	0.47
16	0.05	0.07	0.11	0.15	0.20	0.25	0.31	0.37
17	0.04	0.05	0.08	0.11	0.14	0.18	0.22	0.26

18	0.02	0.04	0.05	0.07	0.09	0.12	0.15	0.18
19	0.01	0.02	0.03	0.04	0.06	0.07	0.09	0.11
20	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.06
21	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.03
22	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
23	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
3	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01
4	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03
5	0.07	0.08	0.08	0.08	0.08	0.07	0.06	0.05
6	0.12	0.13	0.14	0.14	0.14	0.12	0.11	0.09
7	0.20	0.22	0.23	0.23	0.22	0.20	0.18	0.15
8	0.30	0.33	0.34	0.34	0.33	0.31	0.27	0.23
9	0.42	0.45	0.47	0.48	0.46	0.42	0.38	0.32
10	0.53	0.58	0.61	0.61	0.58	0.54	0.48	0.41
11	0.63	0.68	0.71	0.71	0.69	0.63	0.56	0.48
12	0.68	0.74	0.77	0.77	0.75	0.69	0.61	0.52
13	0.68	0.74	0.77	0.77	0.74	0.69	0.61	0.52
14	0.63	0.68	0.71	0.71	0.69	0.63	0.56	0.48
15	0.53	0.58	0.60	0.60	0.58	0.54	0.48	0.41
16	0.42	0.45	0.47	0.47	0.46	0.42	0.37	0.32
17	0.30	0.33	0.34	0.34	0.33	0.30	0.27	0.23
18	0.20	0.22	0.23	0.23	0.22	0.20	0.18	0.15
19	0.12	0.13	0.14	0.14	0.13	0.12	0.11	0.09
20	0.07	0.07	0.08	0.08	0.08	0.07	0.06	0.05
21	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03
22	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01
23	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	0.01	0.01	0.01	0.00	0.00	0.00	0.00	
4	0.02	0.02	0.01	0.01	0.01	0.00	0.00	
5	0.04	0.03	0.03	0.02	0.01	0.01	0.01	
6	0.08	0.06	0.05	0.03	0.02	0.02	0.01	
7	0.13	0.10	0.07	0.05	0.04	0.02	0.02	
8	0.19	0.15	0.11	0.08	0.06	0.04	0.02	
9	0.26	0.20	0.15	0.11	0.08	0.05	0.03	
10	0.33	0.26	0.20	0.14	0.10	0.07	0.04	
11	0.39	0.31	0.23	0.17	0.12	0.08	0.05	
12	0.42	0.33	0.25	0.18	0.13	0.08	0.05	
13	0.42	0.33	0.25	0.18	0.13	0.08	0.05	
14	0.39	0.31	0.23	0.17	0.12	0.08	0.05	
15	0.33	0.26	0.20	0.14	0.10	0.07	0.04	
16	0.26	0.20	0.15	0.11	0.08	0.05	0.03	
17	0.19	0.15	0.11	0.08	0.06	0.04	0.02	
18	0.12	0.10	0.07	0.05	0.04	0.02	0.02	
19	0.08	0.06	0.05	0.03	0.02	0.02	0.01	
20	0.04	0.03	0.03	0.02	0.01	0.01	0.01	
21	0.02	0.02	0.01	0.01	0.01	0.00	0.00	
22	0.01	0.01	0.01	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 2555.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
3	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
4	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04
5	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.06
6	0.01	0.02	0.03	0.04	0.05	0.07	0.09	0.10
7	0.02	0.03	0.04	0.06	0.08	0.10	0.13	0.16
8	0.03	0.04	0.06	0.09	0.11	0.15	0.18	0.22
9	0.04	0.06	0.08	0.11	0.15	0.19	0.24	0.29
10	0.05	0.07	0.10	0.14	0.19	0.24	0.30	0.36
11	0.05	0.08	0.12	0.16	0.21	0.28	0.34	0.41
12	0.06	0.09	0.12	0.17	0.23	0.30	0.37	0.44
13	0.06	0.09	0.12	0.17	0.23	0.30	0.37	0.44
14	0.05	0.08	0.11	0.16	0.21	0.27	0.34	0.41
15	0.05	0.07	0.10	0.14	0.18	0.24	0.30	0.36
16	0.04	0.06	0.08	0.11	0.15	0.19	0.24	0.29
17	0.03	0.04	0.06	0.08	0.11	0.15	0.18	0.22
18	0.02	0.03	0.04	0.06	0.08	0.10	0.13	0.15
19	0.01	0.02	0.03	0.04	0.05	0.07	0.08	0.10
20	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.06
21	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04
22	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
23	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
3	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.02
4	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05
5	0.07	0.08	0.09	0.09	0.09	0.09	0.09	0.08
6	0.12	0.13	0.15	0.15	0.15	0.15	0.14	0.13
7	0.18	0.20	0.22	0.23	0.23	0.23	0.22	0.20
8	0.26	0.29	0.31	0.33	0.33	0.32	0.31	0.28
9	0.34	0.38	0.41	0.43	0.44	0.43	0.41	0.37
10	0.42	0.47	0.51	0.54	0.54	0.53	0.50	0.45
11	0.48	0.54	0.59	0.62	0.62	0.61	0.57	0.52
12	0.52	0.58	0.63	0.66	0.67	0.65	0.61	0.56
13	0.52	0.58	0.63	0.66	0.67	0.65	0.61	0.56
14	0.48	0.54	0.59	0.61	0.62	0.61	0.57	0.52
15	0.42	0.47	0.51	0.53	0.54	0.53	0.50	0.45
16	0.34	0.38	0.41	0.43	0.44	0.43	0.40	0.37
17	0.26	0.29	0.31	0.33	0.33	0.32	0.30	0.28
18	0.18	0.20	0.22	0.23	0.23	0.23	0.21	0.20
19	0.12	0.13	0.14	0.15	0.15	0.15	0.14	0.13
20	0.07	0.08	0.09	0.09	0.09	0.09	0.09	0.08
21	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.04
22	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.02
23	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	0.01	0.01	0.01	0.01	0.00	0.00	0.00	
3	0.02	0.02	0.01	0.01	0.01	0.01	0.00	
4	0.04	0.03	0.03	0.02	0.02	0.01	0.01	
5	0.07	0.06	0.05	0.04	0.03	0.02	0.02	
6	0.11	0.10	0.08	0.06	0.05	0.04	0.03	
7	0.17	0.15	0.12	0.10	0.07	0.05	0.04	
8	0.25	0.21	0.17	0.14	0.10	0.08	0.05	

9	0.32	0.28	0.23	0.18	0.14	0.10	0.07
10	0.40	0.34	0.28	0.22	0.17	0.12	0.09
11	0.46	0.39	0.32	0.25	0.19	0.14	0.10
12	0.49	0.42	0.34	0.27	0.21	0.15	0.11
13	0.49	0.42	0.34	0.27	0.21	0.15	0.11
14	0.46	0.39	0.32	0.25	0.19	0.14	0.10
15	0.40	0.34	0.28	0.22	0.17	0.12	0.09
16	0.32	0.27	0.23	0.18	0.14	0.10	0.07
17	0.24	0.21	0.17	0.13	0.10	0.08	0.05
18	0.17	0.15	0.12	0.09	0.07	0.05	0.04
19	0.11	0.10	0.08	0.06	0.05	0.04	0.03
20	0.07	0.06	0.05	0.04	0.03	0.02	0.02
21	0.04	0.03	0.03	0.02	0.02	0.01	0.01
22	0.02	0.02	0.01	0.01	0.01	0.01	0.00
23	0.01	0.01	0.01	0.01	0.00	0.00	0.00

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 2920.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
2	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
3	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
4	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04
5	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.06
6	0.01	0.02	0.02	0.03	0.05	0.06	0.08	0.09
7	0.02	0.02	0.04	0.05	0.07	0.09	0.11	0.13
8	0.02	0.03	0.05	0.07	0.09	0.12	0.15	0.18
9	0.03	0.04	0.06	0.09	0.11	0.15	0.19	0.23
10	0.04	0.05	0.07	0.10	0.14	0.18	0.22	0.28
11	0.04	0.06	0.08	0.12	0.15	0.20	0.25	0.31
12	0.04	0.06	0.09	0.12	0.16	0.21	0.27	0.33
13	0.04	0.06	0.09	0.12	0.16	0.21	0.27	0.33
14	0.04	0.06	0.08	0.12	0.15	0.20	0.25	0.31
15	0.04	0.05	0.07	0.10	0.14	0.18	0.22	0.27
16	0.03	0.04	0.06	0.08	0.11	0.15	0.19	0.23
17	0.02	0.03	0.05	0.07	0.09	0.12	0.15	0.18
18	0.02	0.02	0.04	0.05	0.07	0.09	0.11	0.13
19	0.01	0.02	0.02	0.03	0.05	0.06	0.07	0.09
20	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.06
21	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04
22	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
23	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
2	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
4	0.04	0.05	0.06	0.06	0.06	0.06	0.06	0.06
5	0.07	0.08	0.09	0.10	0.10	0.11	0.10	0.10
6	0.11	0.13	0.14	0.15	0.16	0.16	0.16	0.15
7	0.16	0.18	0.20	0.22	0.23	0.23	0.23	0.22
8	0.21	0.25	0.27	0.30	0.31	0.32	0.31	0.30
9	0.27	0.31	0.35	0.38	0.40	0.41	0.40	0.38
10	0.33	0.38	0.42	0.46	0.48	0.49	0.48	0.46
11	0.37	0.43	0.47	0.51	0.54	0.55	0.54	0.52
12	0.39	0.45	0.50	0.55	0.57	0.58	0.58	0.55
13	0.39	0.45	0.50	0.55	0.57	0.58	0.58	0.55
14	0.37	0.42	0.47	0.51	0.54	0.55	0.54	0.52

15	0.33	0.38	0.42	0.45	0.48	0.49	0.48	0.46
16	0.27	0.31	0.35	0.38	0.40	0.40	0.40	0.39
17	0.21	0.24	0.27	0.30	0.31	0.32	0.31	0.30
18	0.16	0.18	0.20	0.22	0.23	0.23	0.23	0.22
19	0.11	0.12	0.14	0.15	0.16	0.16	0.16	0.15
20	0.07	0.08	0.09	0.10	0.10	0.10	0.10	0.10
21	0.04	0.05	0.06	0.06	0.06	0.06	0.06	0.06
22	0.02	0.03	0.03	0.03	0.04	0.04	0.04	0.04
23	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	0.01	0.01	0.01	0.01	0.01	0.00	0.00	
2	0.02	0.02	0.01	0.01	0.01	0.01	0.01	
3	0.03	0.03	0.03	0.02	0.02	0.01	0.01	
4	0.06	0.05	0.05	0.04	0.03	0.03	0.02	
5	0.09	0.08	0.07	0.06	0.05	0.04	0.03	
6	0.14	0.13	0.11	0.10	0.08	0.06	0.05	
7	0.21	0.19	0.16	0.14	0.11	0.09	0.07	
8	0.28	0.25	0.22	0.19	0.15	0.12	0.09	
9	0.36	0.32	0.28	0.24	0.20	0.16	0.12	
10	0.43	0.39	0.34	0.29	0.24	0.19	0.15	
11	0.48	0.44	0.38	0.32	0.27	0.21	0.16	
12	0.51	0.46	0.41	0.34	0.28	0.23	0.17	
13	0.51	0.46	0.41	0.34	0.28	0.23	0.17	
14	0.48	0.44	0.38	0.32	0.27	0.21	0.16	
15	0.43	0.39	0.34	0.29	0.24	0.19	0.15	
16	0.36	0.32	0.28	0.24	0.20	0.16	0.12	
17	0.28	0.25	0.22	0.19	0.15	0.12	0.09	
18	0.20	0.18	0.16	0.14	0.11	0.09	0.07	
19	0.14	0.13	0.11	0.09	0.08	0.06	0.05	
20	0.09	0.08	0.07	0.06	0.05	0.04	0.03	
21	0.06	0.05	0.04	0.04	0.03	0.02	0.02	
22	0.03	0.03	0.03	0.03	0.02	0.01	0.01	
23	0.02	0.02	0.01	0.01	0.01	0.01	0.01	

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 3285.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
2	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
3	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
4	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04
5	0.00	0.01	0.01	0.02	0.03	0.03	0.04	0.05
6	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.08
7	0.00	0.02	0.03	0.04	0.05	0.07	0.09	0.11
8	0.00	0.03	0.04	0.05	0.07	0.09	0.12	0.14
9	0.00	0.03	0.05	0.06	0.09	0.11	0.14	0.18
10	0.00	0.04	0.05	0.08	0.10	0.13	0.17	0.21
11	0.03	0.04	0.06	0.08	0.11	0.15	0.19	0.23
12	0.03	0.05	0.06	0.09	0.12	0.16	0.20	0.25
13	0.03	0.05	0.06	0.09	0.12	0.16	0.20	0.25
14	0.03	0.04	0.06	0.08	0.11	0.15	0.19	0.23
15	0.03	0.04	0.05	0.08	0.10	0.13	0.17	0.21
16	0.02	0.03	0.05	0.06	0.09	0.11	0.14	0.18
17	0.02	0.03	0.04	0.05	0.07	0.09	0.12	0.14
18	0.01	0.02	0.03	0.04	0.05	0.07	0.09	0.11
19	0.01	0.01	0.02	0.03	0.04	0.05	0.06	0.08
20	0.01	0.01	0.01	0.02	0.03	0.03	0.04	0.05

21	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.03
22	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
23	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01

J-ROW	I-COLUMN							
	9	10	11	12	13	14	15	16
1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
2	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03
3	0.03	0.03	0.03	0.04	0.04	0.04	0.05	0.05
4	0.04	0.05	0.06	0.06	0.07	0.07	0.07	0.07
5	0.07	0.08	0.09	0.10	0.11	0.11	0.11	0.11
6	0.10	0.11	0.13	0.14	0.15	0.16	0.17	0.17
7	0.13	0.16	0.18	0.20	0.21	0.22	0.23	0.23
8	0.17	0.20	0.23	0.26	0.28	0.29	0.30	0.30
9	0.22	0.25	0.29	0.32	0.35	0.37	0.38	0.37
10	0.25	0.30	0.34	0.38	0.41	0.43	0.44	0.44
11	0.28	0.33	0.38	0.42	0.46	0.48	0.49	0.49
12	0.30	0.35	0.40	0.44	0.48	0.51	0.52	0.52
13	0.30	0.35	0.40	0.44	0.48	0.51	0.52	0.52
14	0.28	0.33	0.38	0.42	0.46	0.48	0.49	0.49
15	0.25	0.30	0.34	0.38	0.41	0.43	0.44	0.44
16	0.22	0.25	0.29	0.32	0.35	0.36	0.37	0.37
17	0.17	0.20	0.23	0.26	0.28	0.29	0.30	0.30
18	0.13	0.15	0.18	0.20	0.21	0.22	0.23	0.23
19	0.10	0.11	0.13	0.14	0.15	0.16	0.17	0.16
20	0.06	0.08	0.09	0.10	0.10	0.11	0.11	0.11
21	0.04	0.05	0.06	0.06	0.07	0.07	0.07	0.07
22	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
23	0.01	0.02	0.02	0.02	0.02	0.03	0.03	0.03

J-ROW	I-COLUMN							
	17	18	19	20	21	22	23	24
1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
2	0.03	0.02	0.02	0.02	0.02	0.01	0.01	
3	0.04	0.04	0.04	0.03	0.03	0.02	0.02	
4	0.07	0.07	0.06	0.06	0.05	0.04	0.03	
5	0.11	0.10	0.10	0.09	0.07	0.06	0.05	
6	0.16	0.15	0.14	0.12	0.11	0.09	0.08	
7	0.22	0.21	0.19	0.17	0.15	0.13	0.10	
8	0.29	0.28	0.25	0.23	0.20	0.17	0.14	
9	0.36	0.34	0.31	0.28	0.25	0.21	0.17	
10	0.43	0.40	0.37	0.33	0.29	0.24	0.20	
11	0.48	0.45	0.41	0.37	0.32	0.27	0.22	
12	0.50	0.47	0.44	0.39	0.34	0.29	0.24	
13	0.50	0.47	0.44	0.39	0.34	0.29	0.24	
14	0.47	0.45	0.41	0.37	0.32	0.27	0.22	
15	0.43	0.40	0.37	0.33	0.29	0.24	0.20	
16	0.36	0.34	0.31	0.28	0.24	0.21	0.17	
17	0.29	0.27	0.25	0.23	0.20	0.17	0.14	
18	0.22	0.21	0.19	0.17	0.15	0.13	0.10	
19	0.16	0.15	0.14	0.12	0.11	0.09	0.08	
20	0.11	0.10	0.09	0.08	0.07	0.06	0.05	
21	0.07	0.07	0.06	0.05	0.05	0.04	0.03	
22	0.04	0.04	0.04	0.03	0.03	0.02	0.02	
23	0.03	0.02	0.02	0.02	0.02	0.01	0.01	

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 3650.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN							
	1	2	3	4	5	6	7	8

1	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
2	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
3	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
4	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.03
5	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05
6	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.07
7	0.01	0.02	0.02	0.03	0.04	0.06	0.07	0.09
8	0.01	0.02	0.03	0.04	0.05	0.07	0.09	0.11
9	0.02	0.03	0.04	0.05	0.07	0.09	0.11	0.14
10	0.02	0.03	0.04	0.06	0.08	0.10	0.13	0.16
11	0.02	0.03	0.05	0.06	0.08	0.11	0.14	0.18
12	0.02	0.03	0.05	0.07	0.09	0.12	0.15	0.19
13	0.02	0.03	0.05	0.07	0.09	0.12	0.15	0.19
14	0.02	0.03	0.05	0.06	0.08	0.11	0.14	0.18
15	0.02	0.03	0.04	0.06	0.08	0.10	0.13	0.16
16	0.02	0.03	0.04	0.05	0.07	0.09	0.11	0.14
17	0.01	0.02	0.03	0.04	0.05	0.07	0.09	0.11
18	0.01	0.02	0.02	0.03	0.04	0.06	0.07	0.09
19	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.07
20	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05
21	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.03
22	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
23	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02
2	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03
3	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05
4	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08
5	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.12
6	0.08	0.10	0.11	0.13	0.14	0.15	0.16	0.17
7	0.11	0.13	0.15	0.17	0.19	0.21	0.22	0.22
8	0.14	0.17	0.19	0.22	0.24	0.26	0.28	0.29
9	0.17	0.20	0.24	0.27	0.30	0.32	0.34	0.35
10	0.20	0.24	0.27	0.31	0.34	0.37	0.39	0.40
11	0.22	0.26	0.30	0.34	0.38	0.41	0.43	0.44
12	0.23	0.27	0.32	0.36	0.40	0.43	0.45	0.47
13	0.23	0.27	0.32	0.36	0.40	0.43	0.45	0.47
14	0.22	0.26	0.30	0.34	0.38	0.41	0.43	0.44
15	0.20	0.23	0.27	0.31	0.34	0.37	0.39	0.40
16	0.17	0.20	0.24	0.27	0.30	0.32	0.34	0.35
17	0.14	0.17	0.19	0.22	0.24	0.26	0.28	0.28
18	0.11	0.13	0.15	0.17	0.19	0.21	0.22	0.22
19	0.08	0.10	0.11	0.13	0.14	0.15	0.16	0.17
20	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12
21	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08
22	0.03	0.03	0.03	0.04	0.04	0.05	0.05	0.05
23	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	0.02	0.02	0.02	0.02	0.01	0.01	0.01	
2	0.03	0.03	0.03	0.03	0.03	0.02	0.02	
3	0.05	0.05	0.05	0.05	0.04	0.04	0.03	
4	0.08	0.08	0.08	0.07	0.06	0.06	0.05	
5	0.12	0.12	0.11	0.10	0.09	0.08	0.07	
6	0.17	0.16	0.16	0.15	0.13	0.12	0.10	
7	0.23	0.22	0.21	0.20	0.18	0.16	0.14	
8	0.29	0.28	0.27	0.25	0.23	0.20	0.18	
9	0.35	0.34	0.33	0.31	0.28	0.25	0.21	
10	0.40	0.40	0.38	0.35	0.32	0.29	0.25	
11	0.45	0.44	0.42	0.39	0.35	0.32	0.27	

12	0.47	0.46	0.44	0.41	0.37	0.33	0.29
13	0.47	0.46	0.44	0.41	0.37	0.33	0.29
14	0.44	0.44	0.42	0.39	0.35	0.31	0.27
15	0.40	0.40	0.38	0.35	0.32	0.29	0.25
16	0.35	0.34	0.33	0.30	0.28	0.25	0.21
17	0.29	0.28	0.27	0.25	0.23	0.20	0.18
18	0.22	0.22	0.21	0.20	0.18	0.16	0.14
19	0.17	0.16	0.16	0.15	0.13	0.12	0.10
20	0.12	0.12	0.11	0.10	0.09	0.08	0.07
21	0.08	0.08	0.07	0.07	0.06	0.06	0.05
22	0.05	0.05	0.05	0.05	0.04	0.04	0.03
23	0.03	0.03	0.03	0.03	0.03	0.02	0.02

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 4015.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
2	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
3	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02
4	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.03
5	0.01	0.01	0.01	0.01	0.02	0.03	0.03	0.04
6	0.01	0.01	0.01	0.02	0.03	0.03	0.04	0.06
7	0.01	0.01	0.02	0.03	0.03	0.04	0.06	0.07
8	0.01	0.02	0.02	0.03	0.04	0.06	0.07	0.09
9	0.01	0.02	0.03	0.04	0.05	0.07	0.09	0.11
10	0.02	0.02	0.03	0.04	0.06	0.08	0.10	0.12
11	0.02	0.02	0.03	0.05	0.06	0.08	0.11	0.14
12	0.02	0.03	0.04	0.05	0.07	0.09	0.11	0.14
13	0.02	0.03	0.04	0.05	0.07	0.09	0.11	0.14
14	0.02	0.02	0.03	0.05	0.06	0.08	0.11	0.14
15	0.02	0.02	0.03	0.04	0.06	0.08	0.10	0.12
16	0.01	0.02	0.03	0.04	0.05	0.07	0.09	0.11
17	0.01	0.02	0.02	0.03	0.04	0.06	0.07	0.09
18	0.01	0.01	0.02	0.03	0.03	0.04	0.06	0.07
19	0.01	0.01	0.01	0.02	0.03	0.03	0.04	0.06
20	0.01	0.01	0.01	0.01	0.02	0.03	0.03	0.04
21	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.03
22	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02
23	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02
2	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.04
3	0.02	0.03	0.03	0.04	0.04	0.05	0.05	0.06
4	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08
5	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12
6	0.07	0.08	0.10	0.11	0.13	0.14	0.15	0.16
7	0.09	0.11	0.13	0.15	0.17	0.18	0.20	0.21
8	0.11	0.14	0.16	0.18	0.21	0.23	0.25	0.26
9	0.13	0.16	0.19	0.22	0.25	0.27	0.30	0.31
10	0.15	0.19	0.22	0.25	0.28	0.31	0.34	0.36
11	0.17	0.20	0.24	0.28	0.31	0.34	0.37	0.39
12	0.18	0.21	0.25	0.29	0.32	0.36	0.39	0.41
13	0.18	0.21	0.25	0.29	0.32	0.36	0.39	0.41
14	0.17	0.20	0.24	0.27	0.31	0.34	0.37	0.39
15	0.15	0.18	0.22	0.25	0.28	0.31	0.34	0.36
16	0.13	0.16	0.19	0.22	0.25	0.27	0.30	0.31
17	0.11	0.14	0.16	0.18	0.21	0.23	0.25	0.26

18	0.09	0.11	0.13	0.15	0.17	0.18	0.20	0.21
19	0.07	0.08	0.10	0.11	0.13	0.14	0.15	0.16
20	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12
21	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08
22	0.02	0.03	0.03	0.04	0.04	0.05	0.05	0.05
23	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.04

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
2	0.04	0.04	0.04	0.04	0.03	0.03	0.03	
3	0.06	0.06	0.06	0.06	0.05	0.05	0.04	
4	0.09	0.09	0.09	0.08	0.08	0.07	0.06	
5	0.12	0.12	0.12	0.12	0.11	0.10	0.09	
6	0.17	0.17	0.17	0.16	0.15	0.14	0.13	
7	0.22	0.22	0.22	0.21	0.20	0.18	0.16	
8	0.27	0.27	0.27	0.26	0.25	0.23	0.21	
9	0.32	0.33	0.32	0.31	0.29	0.27	0.25	
10	0.37	0.37	0.37	0.36	0.34	0.31	0.28	
11	0.40	0.41	0.40	0.39	0.37	0.34	0.31	
12	0.42	0.43	0.42	0.41	0.38	0.35	0.32	
13	0.42	0.43	0.42	0.41	0.38	0.35	0.32	
14	0.40	0.41	0.40	0.39	0.37	0.34	0.31	
15	0.37	0.37	0.37	0.36	0.34	0.31	0.28	
16	0.32	0.33	0.32	0.31	0.29	0.27	0.25	
17	0.27	0.27	0.27	0.26	0.25	0.23	0.21	
18	0.22	0.22	0.22	0.21	0.20	0.18	0.16	
19	0.17	0.17	0.16	0.16	0.15	0.14	0.13	
20	0.12	0.12	0.12	0.12	0.11	0.10	0.09	
21	0.08	0.09	0.08	0.08	0.08	0.07	0.06	
22	0.06	0.06	0.06	0.05	0.05	0.05	0.04	
23	0.04	0.04	0.04	0.04	0.03	0.03	0.03	

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 4380.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
2	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
3	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
4	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.03
5	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.03
6	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05
7	0.01	0.01	0.01	0.02	0.03	0.04	0.05	0.06
8	0.01	0.01	0.02	0.02	0.03	0.04	0.06	0.07
9	0.01	0.01	0.02	0.03	0.04	0.05	0.07	0.08
10	0.01	0.02	0.02	0.03	0.04	0.06	0.08	0.10
11	0.01	0.02	0.03	0.04	0.05	0.06	0.08	0.10
12	0.01	0.02	0.03	0.04	0.05	0.07	0.09	0.11
13	0.01	0.02	0.03	0.04	0.05	0.07	0.09	0.11
14	0.01	0.02	0.03	0.04	0.05	0.06	0.08	0.10
15	0.01	0.02	0.02	0.03	0.04	0.06	0.08	0.10
16	0.01	0.01	0.02	0.03	0.04	0.05	0.07	0.08
17	0.01	0.01	0.02	0.02	0.03	0.04	0.06	0.07
18	0.01	0.01	0.01	0.02	0.03	0.04	0.05	0.06
19	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05
20	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.03
21	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.02
22	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
23	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02
2	0.01	0.02	0.02	0.02	0.03	0.03	0.03	0.04
3	0.02	0.03	0.03	0.04	0.04	0.05	0.05	0.06
4	0.03	0.04	0.05	0.05	0.06	0.07	0.08	0.08
5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11
6	0.06	0.07	0.08	0.10	0.11	0.13	0.14	0.15
7	0.07	0.09	0.11	0.12	0.14	0.16	0.18	0.19
8	0.09	0.11	0.13	0.15	0.18	0.20	0.22	0.23
9	0.11	0.13	0.15	0.18	0.21	0.23	0.26	0.28
10	0.12	0.15	0.17	0.20	0.23	0.26	0.29	0.31
11	0.13	0.16	0.19	0.22	0.25	0.28	0.31	0.34
12	0.13	0.16	0.20	0.23	0.26	0.30	0.33	0.35
13	0.13	0.16	0.20	0.23	0.26	0.30	0.33	0.35
14	0.13	0.16	0.19	0.22	0.25	0.28	0.31	0.34
15	0.12	0.15	0.17	0.20	0.23	0.26	0.29	0.31
16	0.11	0.13	0.15	0.18	0.21	0.23	0.25	0.27
17	0.09	0.11	0.13	0.15	0.17	0.20	0.22	0.23
18	0.07	0.09	0.11	0.12	0.14	0.16	0.18	0.19
19	0.06	0.07	0.08	0.10	0.11	0.13	0.14	0.15
20	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11
21	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08
22	0.02	0.03	0.03	0.04	0.04	0.05	0.05	0.06
23	0.01	0.02	0.02	0.02	0.03	0.03	0.03	0.04

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	0.03	0.03	0.03	0.03	0.03	0.02	0.02	
2	0.04	0.04	0.04	0.04	0.04	0.04	0.04	
3	0.06	0.06	0.06	0.06	0.06	0.06	0.05	
4	0.09	0.09	0.09	0.09	0.09	0.08	0.08	
5	0.12	0.12	0.13	0.12	0.12	0.12	0.11	
6	0.16	0.16	0.17	0.17	0.16	0.15	0.14	
7	0.20	0.21	0.21	0.21	0.21	0.20	0.18	
8	0.25	0.26	0.26	0.26	0.25	0.24	0.23	
9	0.29	0.30	0.31	0.30	0.30	0.28	0.26	
10	0.33	0.34	0.35	0.34	0.34	0.32	0.30	
11	0.36	0.37	0.38	0.37	0.36	0.35	0.32	
12	0.37	0.38	0.39	0.39	0.38	0.36	0.34	
13	0.37	0.38	0.39	0.39	0.38	0.36	0.34	
14	0.36	0.37	0.37	0.37	0.36	0.35	0.32	
15	0.33	0.34	0.35	0.34	0.33	0.32	0.30	
16	0.29	0.30	0.31	0.30	0.30	0.28	0.26	
17	0.25	0.26	0.26	0.26	0.25	0.24	0.22	
18	0.20	0.21	0.21	0.21	0.20	0.20	0.18	
19	0.16	0.16	0.17	0.16	0.16	0.15	0.14	
20	0.12	0.12	0.12	0.12	0.12	0.11	0.11	
21	0.09	0.09	0.09	0.09	0.09	0.08	0.08	
22	0.06	0.06	0.06	0.06	0.06	0.06	0.05	
23	0.04	0.04	0.04	0.04	0.04	0.04	0.04	

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 4745.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
2	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01

3	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
4	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
5	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.03
6	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04
7	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05
8	0.01	0.01	0.01	0.02	0.03	0.03	0.04	0.06
9	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.07
10	0.01	0.01	0.02	0.02	0.03	0.04	0.06	0.07
11	0.01	0.01	0.02	0.03	0.04	0.05	0.06	0.08
12	0.01	0.01	0.02	0.03	0.04	0.05	0.06	0.08
13	0.01	0.01	0.02	0.03	0.04	0.05	0.06	0.08
14	0.01	0.01	0.02	0.03	0.04	0.05	0.06	0.08
15	0.01	0.01	0.02	0.02	0.03	0.04	0.06	0.07
16	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.07
17	0.01	0.01	0.01	0.02	0.03	0.03	0.04	0.06
18	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05
19	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04
20	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.03
21	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
22	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
23	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01

J-ROW	I-COLUMN							
	9	10	11	12	13	14	15	16
1	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02
2	0.01	0.02	0.02	0.02	0.03	0.03	0.03	0.04
3	0.02	0.02	0.03	0.03	0.04	0.04	0.05	0.06
4	0.03	0.03	0.04	0.05	0.06	0.06	0.07	0.08
5	0.04	0.04	0.05	0.06	0.07	0.08	0.09	0.10
6	0.05	0.06	0.07	0.08	0.10	0.11	0.12	0.14
7	0.06	0.07	0.09	0.10	0.12	0.14	0.15	0.17
8	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21
9	0.08	0.10	0.12	0.15	0.17	0.19	0.22	0.24
10	0.09	0.11	0.14	0.16	0.19	0.22	0.24	0.27
11	0.10	0.12	0.15	0.18	0.20	0.23	0.26	0.29
12	0.10	0.13	0.15	0.18	0.21	0.24	0.27	0.30
13	0.10	0.13	0.15	0.18	0.21	0.24	0.27	0.30
14	0.10	0.12	0.15	0.18	0.20	0.23	0.26	0.29
15	0.09	0.11	0.14	0.16	0.19	0.22	0.24	0.27
16	0.08	0.10	0.12	0.15	0.17	0.19	0.22	0.24
17	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.20
18	0.06	0.07	0.09	0.10	0.12	0.14	0.15	0.17
19	0.05	0.06	0.07	0.08	0.10	0.11	0.12	0.13
20	0.04	0.04	0.05	0.06	0.07	0.08	0.09	0.10
21	0.03	0.03	0.04	0.05	0.05	0.06	0.07	0.08
22	0.02	0.02	0.03	0.03	0.04	0.04	0.05	0.05
23	0.01	0.02	0.02	0.02	0.03	0.03	0.03	0.04

J-ROW	I-COLUMN							
	17	18	19	20	21	22	23	24
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
2	0.04	0.04	0.04	0.05	0.05	0.04	0.04	
3	0.06	0.06	0.07	0.07	0.07	0.07	0.06	
4	0.08	0.09	0.09	0.09	0.09	0.09	0.09	
5	0.11	0.12	0.12	0.13	0.13	0.12	0.12	
6	0.15	0.15	0.16	0.16	0.16	0.16	0.15	
7	0.18	0.19	0.20	0.21	0.21	0.20	0.19	
8	0.22	0.23	0.24	0.25	0.25	0.24	0.23	
9	0.26	0.27	0.28	0.29	0.29	0.28	0.27	
10	0.29	0.30	0.32	0.32	0.32	0.32	0.30	
11	0.31	0.33	0.34	0.35	0.35	0.34	0.33	
12	0.32	0.34	0.35	0.36	0.36	0.35	0.34	
13	0.32	0.34	0.35	0.36	0.36	0.35	0.34	
14	0.31	0.33	0.34	0.35	0.35	0.34	0.33	

15	0.29	0.30	0.32	0.32	0.32	0.32	0.30
16	0.26	0.27	0.28	0.29	0.29	0.28	0.27
17	0.22	0.23	0.24	0.25	0.25	0.24	0.23
18	0.18	0.19	0.20	0.20	0.20	0.20	0.19
19	0.15	0.15	0.16	0.16	0.16	0.16	0.15
20	0.11	0.12	0.12	0.13	0.13	0.12	0.12
21	0.08	0.09	0.09	0.09	0.09	0.09	0.09
22	0.06	0.06	0.06	0.07	0.07	0.06	0.06
23	0.04	0.04	0.04	0.05	0.05	0.04	0.04

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 5110.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
2	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
3	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
4	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
5	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
6	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.03
7	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04
8	0.01	0.01	0.01	0.01	0.02	0.03	0.04	0.05
9	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05
10	0.01	0.01	0.01	0.02	0.03	0.03	0.04	0.06
11	0.01	0.01	0.01	0.02	0.03	0.04	0.05	0.06
12	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.06
13	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.06
14	0.01	0.01	0.01	0.02	0.03	0.04	0.05	0.06
15	0.01	0.01	0.01	0.02	0.03	0.03	0.04	0.06
16	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05
17	0.01	0.01	0.01	0.01	0.02	0.03	0.04	0.04
18	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04
19	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.03
20	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
21	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
22	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
23	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.03
2	0.01	0.01	0.02	0.02	0.03	0.03	0.03	0.04
3	0.02	0.02	0.03	0.03	0.04	0.04	0.05	0.05
4	0.02	0.03	0.03	0.04	0.05	0.06	0.06	0.07
5	0.03	0.04	0.05	0.05	0.06	0.07	0.08	0.09
6	0.04	0.05	0.06	0.07	0.08	0.10	0.11	0.12
7	0.05	0.06	0.07	0.09	0.10	0.12	0.13	0.15
8	0.06	0.07	0.09	0.10	0.12	0.14	0.16	0.18
9	0.07	0.08	0.10	0.12	0.14	0.16	0.18	0.20
10	0.07	0.09	0.11	0.13	0.15	0.18	0.20	0.23
11	0.08	0.10	0.12	0.14	0.17	0.19	0.22	0.24
12	0.08	0.10	0.12	0.15	0.17	0.20	0.22	0.25
13	0.08	0.10	0.12	0.15	0.17	0.20	0.22	0.25
14	0.08	0.10	0.12	0.14	0.17	0.19	0.22	0.24
15	0.07	0.09	0.11	0.13	0.15	0.18	0.20	0.23
16	0.07	0.08	0.10	0.12	0.14	0.16	0.18	0.20
17	0.06	0.07	0.09	0.10	0.12	0.14	0.16	0.18
18	0.05	0.06	0.07	0.09	0.10	0.12	0.13	0.15
19	0.04	0.05	0.06	0.07	0.08	0.09	0.11	0.12
20	0.03	0.04	0.05	0.05	0.06	0.07	0.08	0.09

21	0.02	0.03	0.03	0.04	0.05	0.06	0.06	0.07
22	0.02	0.02	0.03	0.03	0.04	0.04	0.05	0.05
23	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.04

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
2	0.04	0.04	0.05	0.05	0.05	0.05	0.05	
3	0.06	0.06	0.07	0.07	0.07	0.07	0.07	
4	0.08	0.08	0.09	0.09	0.10	0.10	0.09	
5	0.10	0.11	0.12	0.12	0.13	0.13	0.12	
6	0.13	0.14	0.15	0.16	0.16	0.16	0.16	
7	0.16	0.18	0.19	0.19	0.20	0.20	0.20	
8	0.19	0.21	0.22	0.23	0.24	0.24	0.23	
9	0.22	0.24	0.25	0.26	0.27	0.27	0.27	
10	0.25	0.27	0.28	0.29	0.30	0.30	0.30	
11	0.27	0.29	0.30	0.31	0.32	0.32	0.32	
12	0.27	0.30	0.31	0.33	0.33	0.33	0.33	
13	0.27	0.30	0.31	0.33	0.33	0.33	0.33	
14	0.26	0.29	0.30	0.31	0.32	0.32	0.32	
15	0.25	0.27	0.28	0.29	0.30	0.30	0.30	
16	0.22	0.24	0.25	0.26	0.27	0.27	0.27	
17	0.19	0.21	0.22	0.23	0.23	0.24	0.23	
18	0.16	0.17	0.19	0.19	0.20	0.20	0.20	
19	0.13	0.14	0.15	0.16	0.16	0.16	0.16	
20	0.10	0.11	0.12	0.12	0.12	0.13	0.12	
21	0.08	0.08	0.09	0.09	0.09	0.09	0.09	
22	0.06	0.06	0.06	0.07	0.07	0.07	0.07	
23	0.04	0.04	0.05	0.05	0.05	0.05	0.05	

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 5475.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
2	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
3	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
4	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
5	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02
6	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
7	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.03
8	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04
9	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04
10	0.01	0.01	0.01	0.01	0.02	0.03	0.03	0.04
11	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05
12	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05
13	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05
14	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05
15	0.01	0.01	0.01	0.01	0.02	0.03	0.03	0.04
16	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04
17	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04
18	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.03
19	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
20	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02
21	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.02
22	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
23	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16

1	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02
2	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.03
3	0.01	0.02	0.02	0.03	0.03	0.04	0.04	0.05
4	0.02	0.02	0.03	0.04	0.04	0.05	0.06	0.06
5	0.03	0.03	0.04	0.05	0.06	0.06	0.07	0.08
6	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.11
7	0.04	0.05	0.06	0.07	0.08	0.10	0.11	0.13
8	0.05	0.06	0.07	0.08	0.10	0.12	0.13	0.15
9	0.05	0.06	0.08	0.10	0.11	0.13	0.15	0.17
10	0.06	0.07	0.09	0.10	0.12	0.15	0.17	0.19
11	0.06	0.08	0.09	0.11	0.13	0.16	0.18	0.20
12	0.06	0.08	0.10	0.12	0.14	0.16	0.18	0.21
13	0.06	0.08	0.10	0.12	0.14	0.16	0.18	0.21
14	0.06	0.08	0.09	0.11	0.13	0.16	0.18	0.20
15	0.06	0.07	0.09	0.10	0.12	0.15	0.17	0.19
16	0.05	0.06	0.08	0.09	0.11	0.13	0.15	0.17
17	0.05	0.06	0.07	0.08	0.10	0.12	0.13	0.15
18	0.04	0.05	0.06	0.07	0.08	0.10	0.11	0.13
19	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10
20	0.03	0.03	0.04	0.05	0.05	0.06	0.07	0.08
21	0.02	0.02	0.03	0.04	0.04	0.05	0.06	0.06
22	0.01	0.02	0.02	0.03	0.03	0.04	0.04	0.05
23	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.03

J-ROW	I-COLUMN							
	17	18	19	20	21	22	23	24
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	
2	0.04	0.04	0.05	0.05	0.05	0.05	0.05	
3	0.05	0.06	0.06	0.07	0.07	0.07	0.07	
4	0.07	0.08	0.08	0.09	0.09	0.10	0.10	
5	0.09	0.10	0.11	0.12	0.12	0.12	0.13	
6	0.12	0.13	0.14	0.15	0.15	0.16	0.16	
7	0.14	0.16	0.17	0.18	0.19	0.19	0.19	
8	0.17	0.18	0.20	0.21	0.22	0.22	0.23	
9	0.19	0.21	0.23	0.24	0.25	0.26	0.26	
10	0.21	0.23	0.25	0.26	0.27	0.28	0.28	
11	0.22	0.25	0.26	0.28	0.29	0.30	0.30	
12	0.23	0.25	0.27	0.29	0.30	0.31	0.31	
13	0.23	0.25	0.27	0.29	0.30	0.31	0.31	
14	0.22	0.25	0.26	0.28	0.29	0.30	0.30	
15	0.21	0.23	0.25	0.26	0.27	0.28	0.28	
16	0.19	0.21	0.22	0.24	0.25	0.25	0.26	
17	0.17	0.18	0.20	0.21	0.22	0.22	0.23	
18	0.14	0.16	0.17	0.18	0.18	0.19	0.19	
19	0.12	0.13	0.14	0.15	0.15	0.16	0.16	
20	0.09	0.10	0.11	0.12	0.12	0.12	0.13	
21	0.07	0.08	0.08	0.09	0.09	0.10	0.10	
22	0.05	0.06	0.06	0.07	0.07	0.07	0.07	
23	0.04	0.04	0.05	0.05	0.05	0.05	0.05	

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 5840.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN							
	1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
2	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
3	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
4	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
5	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02

6	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02
7	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
8	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.03
9	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.03
10	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.03
11	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04
12	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04
13	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04
14	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04
15	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.03
16	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.03
17	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.03
18	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
19	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02
20	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
21	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
22	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
23	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02
2	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03
3	0.01	0.02	0.02	0.02	0.03	0.03	0.04	0.04
4	0.02	0.02	0.03	0.03	0.04	0.04	0.05	0.06
5	0.02	0.03	0.03	0.04	0.05	0.06	0.06	0.07
6	0.03	0.03	0.04	0.05	0.06	0.07	0.08	0.09
7	0.03	0.04	0.05	0.06	0.07	0.08	0.10	0.11
8	0.04	0.05	0.06	0.07	0.08	0.10	0.11	0.13
9	0.04	0.05	0.06	0.08	0.09	0.11	0.13	0.14
10	0.04	0.06	0.07	0.08	0.10	0.12	0.14	0.16
11	0.05	0.06	0.07	0.09	0.11	0.13	0.15	0.17
12	0.05	0.06	0.08	0.09	0.11	0.13	0.15	0.17
13	0.05	0.06	0.08	0.09	0.11	0.13	0.15	0.17
14	0.05	0.06	0.07	0.09	0.11	0.13	0.15	0.17
15	0.04	0.06	0.07	0.08	0.10	0.12	0.14	0.16
16	0.04	0.05	0.06	0.08	0.09	0.11	0.13	0.14
17	0.04	0.04	0.06	0.07	0.08	0.10	0.11	0.13
18	0.03	0.04	0.05	0.06	0.07	0.08	0.10	0.11
19	0.03	0.03	0.04	0.05	0.06	0.07	0.08	0.09
20	0.02	0.03	0.03	0.04	0.05	0.05	0.06	0.07
21	0.02	0.02	0.03	0.03	0.04	0.04	0.05	0.06
22	0.01	0.02	0.02	0.02	0.03	0.03	0.04	0.04
23	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	
2	0.04	0.04	0.04	0.05	0.05	0.05	0.05	
3	0.05	0.05	0.06	0.06	0.07	0.07	0.07	
4	0.06	0.07	0.08	0.08	0.09	0.09	0.10	
5	0.08	0.09	0.10	0.11	0.11	0.12	0.12	
6	0.10	0.11	0.12	0.13	0.14	0.15	0.15	
7	0.12	0.14	0.15	0.16	0.17	0.18	0.18	
8	0.14	0.16	0.17	0.19	0.20	0.21	0.21	
9	0.16	0.18	0.20	0.21	0.22	0.23	0.24	
10	0.18	0.20	0.22	0.23	0.25	0.26	0.26	
11	0.19	0.21	0.23	0.25	0.26	0.27	0.28	
12	0.19	0.22	0.24	0.25	0.27	0.28	0.29	
13	0.19	0.22	0.24	0.25	0.27	0.28	0.29	
14	0.19	0.21	0.23	0.25	0.26	0.27	0.28	
15	0.18	0.20	0.22	0.23	0.25	0.26	0.26	
16	0.16	0.18	0.20	0.21	0.22	0.23	0.24	
17	0.14	0.16	0.17	0.19	0.20	0.21	0.21	

18	0.12	0.14	0.15	0.16	0.17	0.18	0.18
19	0.10	0.11	0.12	0.13	0.14	0.15	0.15
20	0.08	0.09	0.10	0.11	0.11	0.12	0.12
21	0.06	0.07	0.08	0.08	0.09	0.09	0.10
22	0.05	0.05	0.06	0.06	0.07	0.07	0.07
23	0.04	0.04	0.04	0.05	0.05	0.05	0.05

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 6205.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
3	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
4	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
5	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
6	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
7	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
8	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
9	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
10	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.03
11	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.03
12	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.03
13	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.03
14	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.03
15	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.03
16	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
17	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
18	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
19	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
20	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
21	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
22	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02
2	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03
3	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.04
4	0.01	0.02	0.02	0.03	0.03	0.04	0.04	0.05
5	0.02	0.02	0.03	0.03	0.04	0.05	0.06	0.06
6	0.02	0.03	0.03	0.04	0.05	0.06	0.07	0.08
7	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
8	0.03	0.04	0.04	0.05	0.07	0.08	0.09	0.11
9	0.03	0.04	0.05	0.06	0.07	0.09	0.10	0.12
10	0.03	0.04	0.05	0.07	0.08	0.10	0.11	0.13
11	0.04	0.05	0.06	0.07	0.09	0.10	0.12	0.14
12	0.04	0.05	0.06	0.07	0.09	0.10	0.12	0.14
13	0.04	0.05	0.06	0.07	0.09	0.10	0.12	0.14
14	0.04	0.05	0.06	0.07	0.09	0.10	0.12	0.14
15	0.03	0.04	0.05	0.07	0.08	0.10	0.11	0.13
16	0.03	0.04	0.05	0.06	0.07	0.09	0.10	0.12
17	0.03	0.04	0.04	0.05	0.07	0.08	0.09	0.11
18	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
19	0.02	0.03	0.03	0.04	0.05	0.06	0.07	0.08
20	0.02	0.02	0.03	0.03	0.04	0.05	0.05	0.06
21	0.01	0.02	0.02	0.03	0.03	0.04	0.04	0.05
22	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.04
23	0.01	0.01	0.01	0.01	0.02	0.02	0.03	0.03

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	0.02	0.03	0.03	0.03	0.04	0.04	0.04	
2	0.03	0.04	0.04	0.05	0.05	0.05	0.05	
3	0.04	0.05	0.06	0.06	0.07	0.07	0.07	
4	0.06	0.06	0.07	0.08	0.08	0.09	0.09	
5	0.07	0.08	0.09	0.10	0.11	0.11	0.12	
6	0.09	0.10	0.11	0.12	0.13	0.14	0.14	
7	0.11	0.12	0.13	0.14	0.15	0.16	0.17	
8	0.12	0.14	0.15	0.17	0.18	0.19	0.20	
9	0.14	0.15	0.17	0.19	0.20	0.21	0.22	
10	0.15	0.17	0.19	0.20	0.22	0.23	0.24	
11	0.16	0.18	0.20	0.21	0.23	0.24	0.26	
12	0.16	0.18	0.20	0.22	0.24	0.25	0.26	
13	0.16	0.18	0.20	0.22	0.24	0.25	0.26	
14	0.16	0.18	0.20	0.21	0.23	0.24	0.26	
15	0.15	0.17	0.18	0.20	0.22	0.23	0.24	
16	0.14	0.15	0.17	0.19	0.20	0.21	0.22	
17	0.12	0.14	0.15	0.16	0.18	0.19	0.20	
18	0.11	0.12	0.13	0.14	0.15	0.16	0.17	
19	0.09	0.10	0.11	0.12	0.13	0.14	0.14	
20	0.07	0.08	0.09	0.10	0.11	0.11	0.12	
21	0.06	0.06	0.07	0.08	0.08	0.09	0.09	
22	0.04	0.05	0.06	0.06	0.06	0.07	0.07	
23	0.03	0.04	0.04	0.05	0.05	0.05	0.05	

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 6570.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
3	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
4	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
5	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
6	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
7	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.02
8	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
9	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02
10	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02
11	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
12	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
13	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
14	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
15	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02
16	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02
17	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
18	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.02
19	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
20	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
21	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
22	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.00	0.01	0.01	0.01	0.01	0.01	0.02	0.02
2	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.03

3	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03
4	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.04
5	0.01	0.02	0.02	0.03	0.03	0.04	0.05	0.05
6	0.02	0.02	0.03	0.03	0.04	0.05	0.06	0.07
7	0.02	0.03	0.03	0.04	0.05	0.06	0.07	0.08
8	0.02	0.03	0.04	0.04	0.05	0.06	0.08	0.09
9	0.03	0.03	0.04	0.05	0.06	0.07	0.08	0.10
10	0.03	0.03	0.04	0.05	0.06	0.08	0.09	0.11
11	0.03	0.04	0.05	0.06	0.07	0.08	0.10	0.11
12	0.03	0.04	0.05	0.06	0.07	0.08	0.10	0.12
13	0.03	0.04	0.05	0.06	0.07	0.08	0.10	0.12
14	0.03	0.04	0.05	0.06	0.07	0.08	0.10	0.11
15	0.03	0.03	0.04	0.05	0.06	0.08	0.09	0.11
16	0.03	0.03	0.04	0.05	0.06	0.07	0.08	0.10
17	0.02	0.03	0.04	0.04	0.05	0.06	0.08	0.09
18	0.02	0.02	0.03	0.04	0.05	0.06	0.07	0.08
19	0.02	0.02	0.03	0.03	0.04	0.05	0.06	0.07
20	0.01	0.02	0.02	0.03	0.03	0.04	0.05	0.05
21	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.04
22	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03
23	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.03

J-ROW	I-COLUMN							
	17	18	19	20	21	22	23	24
1	0.02	0.03	0.03	0.03	0.03	0.04	0.04	
2	0.03	0.03	0.04	0.04	0.05	0.05	0.05	
3	0.04	0.05	0.05	0.06	0.06	0.07	0.07	
4	0.05	0.06	0.06	0.07	0.08	0.08	0.09	
5	0.06	0.07	0.08	0.09	0.10	0.10	0.11	
6	0.08	0.09	0.10	0.11	0.12	0.13	0.13	
7	0.09	0.10	0.11	0.13	0.14	0.15	0.16	
8	0.10	0.12	0.13	0.14	0.16	0.17	0.18	
9	0.11	0.13	0.15	0.16	0.18	0.19	0.20	
10	0.12	0.14	0.16	0.17	0.19	0.20	0.22	
11	0.13	0.15	0.17	0.18	0.20	0.22	0.23	
12	0.13	0.15	0.17	0.19	0.21	0.22	0.24	
13	0.13	0.15	0.17	0.19	0.21	0.22	0.24	
14	0.13	0.15	0.17	0.18	0.20	0.22	0.23	
15	0.12	0.14	0.16	0.17	0.19	0.20	0.22	
16	0.11	0.13	0.15	0.16	0.17	0.19	0.20	
17	0.10	0.12	0.13	0.14	0.16	0.17	0.18	
18	0.09	0.10	0.11	0.13	0.14	0.15	0.16	
19	0.08	0.09	0.10	0.11	0.12	0.13	0.13	
20	0.06	0.07	0.08	0.09	0.10	0.10	0.11	
21	0.05	0.06	0.06	0.07	0.08	0.08	0.09	
22	0.04	0.04	0.05	0.06	0.06	0.07	0.07	
23	0.03	0.03	0.04	0.04	0.05	0.05	0.05	

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 6935.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN							
	1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
4	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
5	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
6	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
7	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
8	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01

9	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.02
10	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
11	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
12	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
13	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
14	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
15	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
16	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.02
17	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
18	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
19	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
20	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
21	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN							
	9	10	11	12	13	14	15	16
1	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.02
2	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02
3	0.01	0.01	0.01	0.01	0.02	0.02	0.03	0.03
4	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.04
5	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.05
6	0.01	0.02	0.02	0.03	0.03	0.04	0.05	0.06
7	0.02	0.02	0.03	0.03	0.04	0.05	0.06	0.06
8	0.02	0.02	0.03	0.04	0.04	0.05	0.06	0.07
9	0.02	0.03	0.03	0.04	0.05	0.06	0.07	0.08
10	0.02	0.03	0.03	0.04	0.05	0.06	0.08	0.09
11	0.02	0.03	0.04	0.04	0.05	0.07	0.08	0.09
12	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.10
13	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.10
14	0.02	0.03	0.04	0.04	0.05	0.07	0.08	0.09
15	0.02	0.03	0.03	0.04	0.05	0.06	0.07	0.09
16	0.02	0.03	0.03	0.04	0.05	0.06	0.07	0.08
17	0.02	0.02	0.03	0.04	0.04	0.05	0.06	0.07
18	0.02	0.02	0.03	0.03	0.04	0.05	0.05	0.06
19	0.01	0.02	0.02	0.03	0.03	0.04	0.05	0.06
20	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.05
21	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.04
22	0.01	0.01	0.01	0.01	0.02	0.02	0.03	0.03
23	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02

J-ROW	I-COLUMN							
	17	18	19	20	21	22	23	24
1	0.02	0.02	0.03	0.03	0.03	0.04	0.04	
2	0.03	0.03	0.04	0.04	0.04	0.05	0.05	
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	
4	0.04	0.05	0.06	0.06	0.07	0.08	0.08	
5	0.05	0.06	0.07	0.08	0.09	0.09	0.10	
6	0.06	0.07	0.08	0.09	0.10	0.11	0.12	
7	0.08	0.09	0.10	0.11	0.12	0.13	0.14	
8	0.09	0.10	0.11	0.12	0.14	0.15	0.16	
9	0.10	0.11	0.12	0.14	0.15	0.17	0.18	
10	0.10	0.12	0.13	0.15	0.16	0.18	0.19	
11	0.11	0.12	0.14	0.16	0.17	0.19	0.20	
12	0.11	0.13	0.14	0.16	0.18	0.19	0.21	
13	0.11	0.13	0.14	0.16	0.18	0.19	0.21	
14	0.11	0.12	0.14	0.16	0.17	0.19	0.20	
15	0.10	0.12	0.13	0.15	0.16	0.18	0.19	
16	0.09	0.11	0.12	0.14	0.15	0.17	0.18	
17	0.09	0.10	0.11	0.12	0.14	0.15	0.16	
18	0.08	0.09	0.10	0.11	0.12	0.13	0.14	
19	0.06	0.07	0.08	0.09	0.10	0.11	0.12	
20	0.05	0.06	0.07	0.08	0.09	0.09	0.10	

21	0.04	0.05	0.06	0.06	0.07	0.08	0.08
22	0.03	0.04	0.05	0.05	0.06	0.06	0.07
23	0.03	0.03	0.03	0.04	0.04	0.05	0.05

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 7300.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
5	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
6	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
7	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
8	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
9	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
10	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
11	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
12	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
13	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
14	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
15	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
16	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
17	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
18	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
19	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
20	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.02
2	0.00	0.01	0.01	0.01	0.01	0.01	0.02	0.02
3	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.03
4	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03
5	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.04
6	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.05
7	0.01	0.02	0.02	0.03	0.03	0.04	0.05	0.05
8	0.01	0.02	0.02	0.03	0.04	0.04	0.05	0.06
9	0.02	0.02	0.03	0.03	0.04	0.05	0.06	0.07
10	0.02	0.02	0.03	0.03	0.04	0.05	0.06	0.07
11	0.02	0.02	0.03	0.04	0.04	0.05	0.06	0.08
12	0.02	0.02	0.03	0.04	0.04	0.05	0.07	0.08
13	0.02	0.02	0.03	0.04	0.04	0.05	0.07	0.08
14	0.02	0.02	0.03	0.04	0.04	0.05	0.06	0.08
15	0.02	0.02	0.03	0.03	0.04	0.05	0.06	0.07
16	0.02	0.02	0.03	0.03	0.04	0.05	0.06	0.07
17	0.01	0.02	0.02	0.03	0.04	0.04	0.05	0.06
18	0.01	0.02	0.02	0.03	0.03	0.04	0.05	0.05
19	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.05
20	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.04
21	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03
22	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.03
23	0.00	0.01	0.01	0.01	0.01	0.01	0.02	0.02

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24

1	0.02	0.02	0.02	0.03	0.03	0.03	0.04
2	0.02	0.03	0.03	0.04	0.04	0.04	0.05
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06
4	0.04	0.04	0.05	0.06	0.06	0.07	0.08
5	0.05	0.05	0.06	0.07	0.08	0.08	0.09
6	0.05	0.06	0.07	0.08	0.09	0.10	0.11
7	0.06	0.07	0.08	0.09	0.11	0.12	0.13
8	0.07	0.08	0.09	0.11	0.12	0.13	0.14
9	0.08	0.09	0.10	0.12	0.13	0.14	0.16
10	0.08	0.10	0.11	0.13	0.14	0.16	0.17
11	0.09	0.10	0.12	0.13	0.15	0.16	0.18
12	0.09	0.11	0.12	0.14	0.15	0.17	0.18
13	0.09	0.11	0.12	0.14	0.15	0.17	0.18
14	0.09	0.10	0.12	0.13	0.15	0.16	0.18
15	0.08	0.10	0.11	0.13	0.14	0.16	0.17
16	0.08	0.09	0.10	0.12	0.13	0.14	0.16
17	0.07	0.08	0.09	0.11	0.12	0.13	0.14
18	0.06	0.07	0.08	0.09	0.11	0.12	0.13
19	0.05	0.06	0.07	0.08	0.09	0.10	0.11
20	0.05	0.05	0.06	0.07	0.08	0.08	0.09
21	0.04	0.04	0.05	0.06	0.06	0.07	0.08
22	0.03	0.04	0.04	0.05	0.05	0.06	0.06
23	0.02	0.03	0.03	0.04	0.04	0.04	0.05

MONITOR WELL COMPUTATION RESULTS:

TIME-CONCENTRATION TABLE

MONITOR WELL NUMBER: 1

TIME(DAYS)	CONCENTRATION(MG/L)
365.000	0.00
730.000	0.00
1095.000	0.04
1460.000	0.12
1825.000	0.23
2190.000	0.32
2555.000	0.37
2920.000	0.38
3285.000	0.37
3650.000	0.35
4015.000	0.31
4380.000	0.28
4745.000	0.24
5110.000	0.20
5475.000	0.17
5840.000	0.14
6205.000	0.12
6570.000	0.10
6935.000	0.08
7300.000	0.07

MONITOR WELL NUMBER: 2

TIME(DAYS)	CONCENTRATION(MG/L)
365.000	0.00
730.000	0.00
1095.000	0.00
1460.000	0.00
1825.000	0.02
2190.000	0.05
2555.000	0.11
2920.000	0.17

3285.000	0.24
3650.000	0.29
4015.000	0.32
4380.000	0.34
4745.000	0.34
5110.000	0.33
5475.000	0.31
5840.000	0.29
6205.000	0.26
6570.000	0.24
6935.000	0.21
7300.000	0.18

DATA BASE: NITROGEN STARTING DATE 1/80

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NUMBER OF SIMULATION PERIODS
DURATION OF PERIOD 1          [illegible]
DURATION OF PERIOD 2          730
DURATION OF PERIOD 3          1095
DURATION OF PERIOD 4          1460
DURATION OF PERIOD 5          1825
DURATION OF PERIOD 6          2190
DURATION OF PERIOD 7          2555
DURATION OF PERIOD 8          2920
DURATION OF PERIOD 9          3285
DURATION OF PERIOD 10         3650
DURATION OF PERIOD 11         4015
DURATION OF PERIOD 12         4380
DURATION OF PERIOD 13         4745
DURATION OF PERIOD 14         5110
DURATION OF PERIOD 15         5475
DURATION OF PERIOD 16         5840
DURATION OF PERIOD 17         6205
DURATION OF PERIOD 18         6570
DURATION OF PERIOD 19         6935
DURATION OF PERIOD 20         7300
NUMBER OF TIME PERIODS, COLUMNS AND ROWS 20                23
 23
GRID SIZE, X AND Y ORIGIN 100              1               1
ACTUAL AND EFFECTIVE POROSITY .2           .2
AQUIFER THICKNESS 25
SIMULATION PERIOD  1
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160               80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35           1
     INJECTION VOLUME AND CONC 300000      87.5
     TIME SINCE SOURCE BEGAN 365
SIMULATION PERIOD  2
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160               80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35           1
     INJECTION VOLUME AND CONC 300000      87.5
     TIME SINCE SOURCE BEGAN 730
SIMULATION PERIOD  3
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160               80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35           1
     INJECTION VOLUME AND CONC 300000      87.5
     TIME SINCE SOURCE BEGAN 1095
SIMULATION PERIOD  4
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160               80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35           1
     INJECTION VOLUME AND CONC 300000      87.5
     TIME SINCE SOURCE BEGAN 1460
SIMULATION PERIOD  5
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160               80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35           1
     INJECTION VOLUME AND CONC 300000      87.5
     TIME SINCE SOURCE BEGAN 1825
SIMULATION PERIOD  6
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160               80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35           1
     INJECTION VOLUME AND CONC 300000      87.5
     TIME SINCE SOURCE BEGAN 2190
SIMULATION PERIOD  7
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160               80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35           1
     INJECTION VOLUME AND CONC 300000      87.5
     TIME SINCE SOURCE BEGAN 2555
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SIMULATION PERIOD  8
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            1
     INJECTION VOLUME AND CONC 300000       87.5
     TIME SINCE SOURCE BEGAN 2920
SIMULATION PERIOD  9
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            1
     INJECTION VOLUME AND CONC 300000       87.5
     TIME SINCE SOURCE BEGAN 3285
SIMULATION PERIOD  10
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            1
     INJECTION VOLUME AND CONC 300000       87.5
     TIME SINCE SOURCE BEGAN 3650
SIMULATION PERIOD  11
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            1
     INJECTION VOLUME AND CONC 300000       87.5
     TIME SINCE SOURCE BEGAN 4015
SIMULATION PERIOD  12
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            1
     INJECTION VOLUME AND CONC 300000       87.5
     TIME SINCE SOURCE BEGAN 4380
SIMULATION PERIOD  13
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            1
     INJECTION VOLUME AND CONC 300000       87.5
     TIME SINCE SOURCE BEGAN 4745
SIMULATION PERIOD  14
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            1
     INJECTION VOLUME AND CONC 300000       87.5
     TIME SINCE SOURCE BEGAN 5110
SIMULATION PERIOD  15
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            1
     INJECTION VOLUME AND CONC 300000       87.5
     TIME SINCE SOURCE BEGAN 5475
SIMULATION PERIOD  16
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            1
     INJECTION VOLUME AND CONC 300000       87.5
     TIME SINCE SOURCE BEGAN 5840
SIMULATION PERIOD  17
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            1
     INJECTION VOLUME AND CONC 300000       87.5
     TIME SINCE SOURCE BEGAN 6205
SIMULATION PERIOD  18
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            1
     INJECTION VOLUME AND CONC 300000       87.5
     TIME SINCE SOURCE BEGAN 6570
SIMULATION PERIOD  19
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            1
     INJECTION VOLUME AND CONC 300000       87.5
     TIME SINCE SOURCE BEGAN 6935
SIMULATION PERIOD  20
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            1
     INJECTION VOLUME AND CONC 300000       87.5
     TIME SINCE SOURCE BEGAN 7300
USING ADSORPTION OR RADIOACTIVE DECAY? 2   2
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2

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 365.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.01	0.02	0.02	0.03	0.03	0.02	0.01
9	0.02	0.06	0.11	0.17	0.20	0.18	0.13	0.07
10	0.10	0.25	0.48	0.72	0.85	0.78	0.56	0.32
11	0.27	0.66	1.26	1.90	2.24	2.06	1.49	0.84
12	0.44	1.07	2.05	3.08	3.63	3.35	2.42	1.37
13	0.43	1.06	2.04	3.07	3.61	3.33	2.41	1.36
14	0.26	0.65	1.25	1.87	2.21	2.03	1.47	0.83
15	0.10	0.24	0.47	0.70	0.82	0.76	0.55	0.31
16	0.02	0.06	0.11	0.16	0.19	0.17	0.13	0.07
17	0.00	0.01	0.02	0.02	0.03	0.02	0.02	0.01
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00
10	0.14	0.05	0.01	0.00	0.00	0.00	0.00	0.00
11	0.37	0.13	0.04	0.01	0.00	0.00	0.00	0.00
12	0.60	0.21	0.06	0.01	0.00	0.00	0.00	0.00
13	0.60	0.21	0.06	0.01	0.00	0.00	0.00	0.00
14	0.37	0.13	0.03	0.01	0.00	0.00	0.00	0.00
15	0.14	0.05	0.01	0.00	0.00	0.00	0.00	0.00
16	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 730.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01
7	0.01	0.01	0.02	0.03	0.04	0.05	0.05	0.04
8	0.03	0.05	0.08	0.11	0.14	0.16	0.16	0.14
9	0.07	0.13	0.21	0.30	0.38	0.43	0.43	0.38
10	0.15	0.27	0.44	0.63	0.80	0.89	0.89	0.78
11	0.24	0.44	0.71	1.02	1.30	1.46	1.45	1.27
12	0.31	0.56	0.91	1.30	1.65	1.85	1.84	1.62
13	0.31	0.56	0.91	1.30	1.65	1.85	1.84	1.61
14	0.24	0.44	0.71	1.01	1.29	1.44	1.43	1.26
15	0.15	0.27	0.43	0.62	0.79	0.88	0.88	0.77
16	0.07	0.13	0.21	0.30	0.38	0.42	0.42	0.37
17	0.03	0.05	0.08	0.11	0.14	0.16	0.16	0.14
18	0.01	0.01	0.02	0.03	0.04	0.05	0.05	0.04
19	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
7	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00

8	0.11	0.08	0.05	0.[illegible]	0.01	0.01	0.00	0.00
9	0.29	0.20	0.12	0.[illegible]	0.03	0.01	0.00	0.00
10	0.61	0.42	0.25	0.14	0.07	0.03	0.01	0.00
11	0.99	0.68	0.41	0.22	0.11	0.04	0.02	0.01
12	1.26	0.87	0.53	0.28	0.14	0.06	0.02	0.01
13	1.26	0.86	0.53	0.28	0.14	0.06	0.02	0.01
14	0.98	0.68	0.41	0.22	0.11	0.04	0.02	0.01
15	0.60	0.41	0.25	0.14	0.06	0.03	0.01	0.00
16	0.29	0.20	0.12	0.06	0.03	0.01	0.00	0.00
17	0.11	0.07	0.05	0.02	0.01	0.00	0.00	0.00
18	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00
19	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN							
	17	18	19	20	21	22	23	24
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 1095.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN							
	1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01
6	0.01	0.01	0.02	0.02	0.03	0.04	0.04	0.04
7	0.02	0.03	0.04	0.06	0.08	0.10	0.11	0.11
8	0.04	0.07	0.10	0.14	0.18	0.22	0.24	0.25
9	0.08	0.13	0.19	0.27	0.35	0.42	0.47	0.48
10	0.12	0.20	0.31	0.44	0.57	0.69	0.76	0.77
11	0.17	0.28	0.43	0.61	0.79	0.95	1.05	1.07
12	0.20	0.33	0.51	0.72	0.93	1.12	1.24	1.26
13	0.20	0.33	0.51	0.72	0.93	1.12	1.23	1.26

14	0.17	0.28	0.43	0.61	0.79	0.95	1.05	1.07
15	0.12	0.20	0.31	0.44	0.57	0.68	0.75	0.77
16	0.07	0.12	0.19	0.27	0.35	0.42	0.46	0.47
17	0.04	0.06	0.10	0.14	0.18	0.22	0.24	0.24
18	0.02	0.03	0.04	0.06	0.08	0.10	0.11	0.11
19	0.01	0.01	0.02	0.02	0.03	0.04	0.04	0.04
20	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN							
	9	10	11	12	13	14	15	16
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00
6	0.04	0.03	0.03	0.02	0.01	0.01	0.00	0.00
7	0.10	0.09	0.07	0.05	0.04	0.02	0.01	0.01
8	0.23	0.20	0.16	0.12	0.08	0.05	0.03	0.02
9	0.45	0.39	0.31	0.23	0.15	0.10	0.06	0.03
10	0.73	0.63	0.50	0.37	0.25	0.16	0.09	0.05
11	1.01	0.87	0.69	0.51	0.35	0.22	0.12	0.07
12	1.18	1.02	0.82	0.60	0.41	0.25	0.15	0.08
13	1.18	1.02	0.81	0.60	0.41	0.25	0.15	0.08
14	1.00	0.87	0.69	0.51	0.34	0.21	0.12	0.07
15	0.72	0.62	0.50	0.37	0.25	0.15	0.09	0.05
16	0.44	0.38	0.30	0.22	0.15	0.09	0.05	0.03
17	0.23	0.20	0.16	0.12	0.08	0.05	0.03	0.02
18	0.10	0.09	0.07	0.05	0.03	0.02	0.01	0.01
19	0.04	0.03	0.03	0.02	0.01	0.01	0.00	0.00
20	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN							
	17	18	19	20	21	22	23	24
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	0.01	0.00	0.00	0.00	0.00	0.00	0.00	
9	0.01	0.01	0.00	0.00	0.00	0.00	0.00	
10	0.02	0.01	0.00	0.00	0.00	0.00	0.00	
11	0.03	0.01	0.01	0.00	0.00	0.00	0.00	
12	0.04	0.02	0.01	0.00	0.00	0.00	0.00	
13	0.04	0.02	0.01	0.00	0.00	0.00	0.00	
14	0.03	0.01	0.01	0.00	0.00	0.00	0.00	
15	0.02	0.01	0.00	0.00	0.00	0.00	0.00	
16	0.01	0.01	0.00	0.00	0.00	0.00	0.00	
17	0.01	0.00	0.00	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

NODAL COMPUTATION RESULTS:

SIMULATION P: DURATION : DAYS: 1460.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01
5	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.03
6	0.01	0.02	0.02	0.03	0.05	0.06	0.07	0.07
7	0.02	0.03	0.05	0.07	0.09	0.12	0.14	0.15
8	0.04	0.06	0.09	0.13	0.17	0.21	0.25	0.27
9	0.06	0.10	0.15	0.21	0.28	0.35	0.41	0.44
10	0.09	0.15	0.22	0.31	0.41	0.50	0.59	0.64
11	0.12	0.19	0.28	0.39	0.52	0.64	0.74	0.82
12	0.13	0.21	0.32	0.44	0.58	0.72	0.84	0.92
13	0.13	0.21	0.32	0.44	0.58	0.72	0.84	0.92
14	0.12	0.19	0.28	0.39	0.52	0.64	0.74	0.82
15	0.09	0.15	0.22	0.31	0.40	0.50	0.58	0.64
16	0.06	0.10	0.15	0.21	0.28	0.35	0.40	0.44
17	0.04	0.06	0.09	0.13	0.17	0.21	0.25	0.27
18	0.02	0.03	0.05	0.07	0.09	0.11	0.13	0.15
19	0.01	0.02	0.02	0.03	0.04	0.05	0.06	0.07
20	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.03
21	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00
5	0.03	0.03	0.03	0.02	0.02	0.01	0.01	0.01
6	0.07	0.07	0.07	0.06	0.05	0.03	0.02	0.02
7	0.15	0.15	0.14	0.12	0.09	0.07	0.05	0.03
8	0.28	0.27	0.25	0.21	0.17	0.13	0.09	0.06
9	0.46	0.44	0.41	0.35	0.28	0.21	0.15	0.10
10	0.66	0.64	0.59	0.50	0.41	0.31	0.22	0.15
11	0.84	0.82	0.75	0.64	0.52	0.39	0.28	0.19
12	0.95	0.92	0.84	0.72	0.58	0.44	0.32	0.21
13	0.95	0.92	0.84	0.72	0.58	0.44	0.32	0.21
14	0.84	0.82	0.74	0.64	0.52	0.39	0.28	0.19
15	0.66	0.64	0.58	0.50	0.40	0.31	0.22	0.15
16	0.45	0.44	0.40	0.35	0.28	0.21	0.15	0.10
17	0.28	0.27	0.25	0.21	0.17	0.13	0.09	0.06
18	0.15	0.15	0.13	0.11	0.09	0.07	0.05	0.03
19	0.07	0.07	0.06	0.05	0.04	0.03	0.02	0.02
20	0.03	0.03	0.03	0.02	0.02	0.01	0.01	0.01
21	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.01	0.01	0.00	0.00	0.00	0.00	0.00
7	0.02	0.01	0.01	0.00	0.00	0.00	0.00
8	0.04	0.02	0.01	0.01	0.00	0.00	0.00
9	0.06	0.04	0.02	0.01	0.01	0.00	0.00
10	0.09	0.06	0.03	0.02	0.01	0.00	0.00
11	0.12	0.07	0.04	0.02	0.01	0.00	0.00
12	0.13	0.08	0.04	0.02	0.01	0.01	0.00
13	0.13	0.08	0.04	0.02	0.01	0.01	0.00
14	0.12	0.07	0.04	0.02	0.01	0.00	0.00
15	0.09	0.06	0.03	0.02	0.01	0.00	0.00
16	0.06	0.04	0.02	0.01	0.01	0.00	0.00
17	0.04	0.02	0.01	0.01	0.00	0.00	0.00
18	0.02	0.01	0.01	0.00	0.00	0.00	0.00
19	0.01	0.01	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 1825.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
4	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
5	0.01	0.01	0.01	0.02	0.03	0.03	0.04	0.04
6	0.01	0.02	0.03	0.04	0.05	0.06	0.08	0.09
7	0.02	0.03	0.05	0.07	0.09	0.11	0.14	0.16
8	0.04	0.05	0.08	0.11	0.15	0.18	0.22	0.25
9	0.05	0.08	0.12	0.16	0.22	0.27	0.33	0.38
10	0.07	0.11	0.16	0.22	0.29	0.36	0.44	0.50
11	0.08	0.13	0.19	0.26	0.35	0.44	0.53	0.61
12	0.09	0.14	0.21	0.29	0.39	0.49	0.59	0.67
13	0.09	0.14	0.21	0.29	0.39	0.49	0.59	0.67
14	0.08	0.13	0.19	0.26	0.35	0.44	0.53	0.61
15	0.07	0.11	0.16	0.22	0.29	0.36	0.44	0.50
16	0.05	0.08	0.12	0.16	0.21	0.27	0.33	0.37
17	0.03	0.05	0.08	0.11	0.14	0.18	0.22	0.25
18	0.02	0.03	0.05	0.07	0.09	0.11	0.13	0.15
19	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.09
20	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.04
21	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
22	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00
4	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01
5	0.05	0.05	0.05	0.05	0.04	0.04	0.03	0.02
6	0.09	0.10	0.10	0.09	0.08	0.07	0.06	0.04
7	0.17	0.18	0.17	0.16	0.15	0.13	0.10	0.08
8	0.28	0.29	0.28	0.27	0.24	0.21	0.17	0.13
9	0.41	0.43	0.42	0.40	0.36	0.30	0.25	0.19
10	0.55	0.57	0.56	0.53	0.48	0.41	0.33	0.26

11	0.67	0.69	0.68	0.64	0.58	0.49	0.40	0.31
12	0.73	0.76	0.75	0.71	0.64	0.54	0.44	0.34
13	0.73	0.76	0.75	0.71	0.64	0.54	0.44	0.34
14	0.66	0.69	0.68	0.64	0.58	0.49	0.40	0.31
15	0.55	0.57	0.56	0.53	0.47	0.40	0.33	0.25
16	0.41	0.42	0.42	0.39	0.35	0.30	0.25	0.19
17	0.27	0.29	0.28	0.27	0.24	0.20	0.17	0.13
18	0.17	0.17	0.17	0.16	0.15	0.12	0.10	0.08
19	0.09	0.10	0.10	0.09	0.08	0.07	0.06	0.04
20	0.05	0.05	0.05	0.05	0.04	0.03	0.03	0.02
21	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01
22	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	0.01	0.01	0.00	0.00	0.00	0.00	0.00	
5	0.02	0.01	0.01	0.00	0.00	0.00	0.00	
6	0.03	0.02	0.02	0.01	0.01	0.00	0.00	
7	0.06	0.04	0.03	0.02	0.01	0.01	0.00	
8	0.10	0.07	0.04	0.03	0.02	0.01	0.01	
9	0.14	0.10	0.07	0.04	0.03	0.01	0.01	
10	0.19	0.13	0.09	0.06	0.03	0.02	0.01	
11	0.23	0.16	0.11	0.07	0.04	0.02	0.01	
12	0.25	0.18	0.12	0.08	0.05	0.03	0.01	
13	0.25	0.18	0.12	0.08	0.05	0.03	0.01	
14	0.23	0.16	0.11	0.07	0.04	0.02	0.01	
15	0.19	0.13	0.09	0.06	0.03	0.02	0.01	
16	0.14	0.10	0.07	0.04	0.03	0.01	0.01	
17	0.09	0.07	0.04	0.03	0.02	0.01	0.01	
18	0.06	0.04	0.03	0.02	0.01	0.01	0.00	
19	0.03	0.02	0.02	0.01	0.01	0.00	0.00	
20	0.02	0.01	0.01	0.00	0.00	0.00	0.00	
21	0.01	0.01	0.00	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 2190.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
3	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01
4	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.03
5	0.01	0.01	0.01	0.02	0.03	0.03	0.04	0.05
6	0.01	0.02	0.03	0.04	0.05	0.06	0.08	0.09
7	0.02	0.03	0.04	0.06	0.08	0.10	0.12	0.15
8	0.03	0.04	0.06	0.09	0.12	0.15	0.19	0.22
9	0.04	0.06	0.09	0.12	0.16	0.21	0.26	0.30
10	0.05	0.08	0.11	0.16	0.21	0.27	0.33	0.39
11	0.06	0.09	0.13	0.18	0.25	0.31	0.39	0.45
12	0.07	0.10	0.14	0.20	0.27	0.34	0.42	0.49
13	0.07	0.10	0.14	0.20	0.27	0.34	0.42	0.49
14	0.06	0.09	0.13	0.18	0.24	0.31	0.38	0.45
15	0.05	0.08	0.11	0.16	0.21	0.27	0.33	0.39
16	0.04	0.06	0.09	0.12	0.16	0.21	0.26	0.30

17	0.03	0.04	0.06	0.09	0.12	0.15	0.18	0.22
18	0.02	0.03	0.04	0.06	0.08	0.10	0.12	0.14
19	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.09
20	0.01	0.01	0.01	0.02	0.03	0.03	0.04	0.05
21	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.03
22	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00
3	0.01	0.02	0.02	0.02	0.02	0.01	0.01	0.01
4	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02
5	0.06	0.06	0.07	0.07	0.06	0.06	0.05	0.04
6	0.10	0.11	0.11	0.12	0.11	0.10	0.09	0.08
7	0.17	0.18	0.19	0.19	0.18	0.17	0.15	0.13
8	0.25	0.27	0.28	0.28	0.27	0.25	0.22	0.19
9	0.34	0.37	0.39	0.39	0.38	0.35	0.31	0.26
10	0.44	0.48	0.50	0.50	0.48	0.44	0.39	0.33
11	0.52	0.56	0.58	0.59	0.56	0.52	0.46	0.39
12	0.56	0.61	0.63	0.64	0.61	0.56	0.50	0.43
13	0.56	0.61	0.63	0.63	0.61	0.56	0.50	0.43
14	0.51	0.56	0.58	0.58	0.56	0.52	0.46	0.39
15	0.44	0.47	0.50	0.50	0.48	0.44	0.39	0.33
16	0.34	0.37	0.39	0.39	0.37	0.35	0.31	0.26
17	0.25	0.27	0.28	0.28	0.27	0.25	0.22	0.19
18	0.16	0.18	0.19	0.19	0.18	0.17	0.15	0.12
19	0.10	0.11	0.11	0.11	0.11	0.10	0.09	0.08
20	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.04
21	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02
22	0.01	0.02	0.02	0.02	0.02	0.01	0.01	0.01
23	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	0.01	0.01	0.01	0.00	0.00	0.00	0.00	
4	0.02	0.01	0.01	0.01	0.01	0.00	0.00	
5	0.04	0.03	0.02	0.02	0.01	0.01	0.00	
6	0.06	0.05	0.04	0.03	0.02	0.01	0.01	
7	0.10	0.08	0.06	0.04	0.03	0.02	0.01	
8	0.15	0.12	0.09	0.07	0.05	0.03	0.02	
9	0.21	0.17	0.13	0.09	0.06	0.04	0.03	
10	0.27	0.21	0.16	0.12	0.08	0.05	0.03	
11	0.32	0.25	0.19	0.14	0.10	0.06	0.04	
12	0.35	0.27	0.21	0.15	0.10	0.07	0.04	
13	0.35	0.27	0.21	0.15	0.10	0.07	0.04	
14	0.32	0.25	0.19	0.14	0.10	0.06	0.04	
15	0.27	0.21	0.16	0.12	0.08	0.05	0.03	
16	0.21	0.17	0.13	0.09	0.06	0.04	0.03	
17	0.15	0.12	0.09	0.07	0.05	0.03	0.02	
18	0.10	0.08	0.06	0.04	0.03	0.02	0.01	
19	0.06	0.05	0.04	0.03	0.02	0.01	0.01	
20	0.04	0.03	0.02	0.02	0.01	0.01	0.00	
21	0.02	0.01	0.01	0.01	0.01	0.00	0.00	
22	0.01	0.01	0.01	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 2555.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
3	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
4	0.00	0.01	0.01	0.01	0.02	0.02	0.02	0.03
5	0.01	0.01	0.01	0.02	0.03	0.03	0.04	0.05
6	0.01	0.02	0.02	0.03	0.04	0.06	0.07	0.08
7	0.02	0.02	0.04	0.05	0.07	0.09	0.11	0.13
8	0.02	0.04	0.05	0.07	0.09	0.12	0.15	0.18
9	0.03	0.05	0.07	0.09	0.12	0.16	0.20	0.24
10	0.04	0.06	0.08	0.11	0.15	0.20	0.25	0.30
11	0.04	0.07	0.09	0.13	0.17	0.23	0.28	0.34
12	0.05	0.07	0.10	0.14	0.19	0.24	0.30	0.36
13	0.05	0.07	0.10	0.14	0.19	0.24	0.30	0.36
14	0.04	0.07	0.09	0.13	0.17	0.23	0.28	0.34
15	0.04	0.06	0.08	0.11	0.15	0.20	0.24	0.29
16	0.03	0.05	0.07	0.09	0.12	0.16	0.20	0.24
17	0.02	0.03	0.05	0.07	0.09	0.12	0.15	0.18
18	0.02	0.02	0.04	0.05	0.07	0.08	0.11	0.13
19	0.01	0.02	0.02	0.03	0.04	0.06	0.07	0.08
20	0.01	0.01	0.01	0.02	0.03	0.03	0.04	0.05
21	0.00	0.01	0.01	0.01	0.02	0.02	0.02	0.03
22	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
23	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00
2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
3	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
4	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
5	0.06	0.07	0.07	0.08	0.08	0.08	0.07	0.07
6	0.10	0.11	0.12	0.13	0.13	0.12	0.12	0.11
7	0.15	0.17	0.18	0.19	0.19	0.19	0.18	0.16
8	0.21	0.24	0.26	0.27	0.27	0.27	0.25	0.23
9	0.28	0.31	0.34	0.36	0.36	0.35	0.33	0.30
10	0.34	0.39	0.42	0.44	0.44	0.43	0.41	0.37
11	0.40	0.44	0.48	0.50	0.51	0.50	0.47	0.43
12	0.42	0.48	0.52	0.54	0.55	0.53	0.50	0.46
13	0.42	0.48	0.52	0.54	0.55	0.53	0.50	0.46
14	0.39	0.44	0.48	0.50	0.51	0.50	0.47	0.43
15	0.34	0.39	0.42	0.44	0.44	0.43	0.41	0.37
16	0.28	0.31	0.34	0.35	0.36	0.35	0.33	0.30
17	0.21	0.24	0.26	0.27	0.27	0.26	0.25	0.23
18	0.15	0.17	0.18	0.19	0.19	0.19	0.18	0.16
19	0.10	0.11	0.12	0.12	0.13	0.12	0.12	0.11
20	0.06	0.07	0.07	0.08	0.08	0.08	0.07	0.06
21	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
22	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
23	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	0.01	0.01	0.01	0.00	0.00	0.00	0.00	
3	0.02	0.01	0.01	0.01	0.01	0.01	0.00	
4	0.03	0.03	0.02	0.02	0.01	0.01	0.01	
5	0.06	0.05	0.04	0.03	0.02	0.02	0.01	
6	0.09	0.08	0.07	0.05	0.04	0.03	0.02	
7	0.14	0.12	0.10	0.08	0.06	0.04	0.03	

8	0.20	0.17	0.14	0.11	0.09	0.06	0.04
9	0.27	0.23	0.19	0.15	0.11	0.08	0.06
10	0.33	0.28	0.23	0.18	0.14	0.10	0.07
11	0.38	0.32	0.26	0.21	0.16	0.12	0.08
12	0.40	0.34	0.28	0.22	0.17	0.13	0.09
13	0.40	0.34	0.28	0.22	0.17	0.13	0.09
14	0.38	0.32	0.26	0.21	0.16	0.12	0.08
15	0.33	0.28	0.23	0.18	0.14	0.10	0.07
16	0.27	0.23	0.18	0.15	0.11	0.08	0.06
17	0.20	0.17	0.14	0.11	0.08	0.06	0.04
18	0.14	0.12	0.10	0.08	0.06	0.04	0.03
19	0.09	0.08	0.06	0.05	0.04	0.03	0.02
20	0.06	0.05	0.04	0.03	0.02	0.02	0.01
21	0.03	0.03	0.02	0.02	0.01	0.01	0.01
22	0.02	0.01	0.01	0.01	0.01	0.01	0.00
23	0.01	0.01	0.01	0.00	0.00	0.00	0.00

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 2920.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
3	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
4	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.03
5	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05
6	0.01	0.01	0.02	0.03	0.04	0.05	0.06	0.08
7	0.01	0.02	0.03	0.04	0.05	0.07	0.09	0.11
8	0.02	0.03	0.04	0.05	0.07	0.10	0.12	0.15
9	0.02	0.04	0.05	0.07	0.09	0.12	0.15	0.19
10	0.03	0.04	0.06	0.08	0.11	0.15	0.18	0.23
11	0.03	0.05	0.07	0.09	0.13	0.17	0.21	0.26
12	0.03	0.05	0.07	0.10	0.13	0.18	0.22	0.27
13	0.03	0.05	0.07	0.10	0.13	0.18	0.22	0.27
14	0.03	0.05	0.07	0.09	0.13	0.16	0.21	0.25
15	0.03	0.04	0.06	0.08	0.11	0.15	0.18	0.23
16	0.02	0.04	0.05	0.07	0.09	0.12	0.15	0.19
17	0.02	0.03	0.04	0.05	0.07	0.09	0.12	0.15
18	0.01	0.02	0.03	0.04	0.05	0.07	0.09	0.11
19	0.01	0.01	0.02	0.03	0.04	0.05	0.06	0.07
20	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05
21	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.03
22	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
23	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
2	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02
3	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03
4	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05
5	0.06	0.07	0.07	0.08	0.09	0.09	0.09	0.08
6	0.09	0.10	0.11	0.12	0.13	0.13	0.13	0.13
7	0.13	0.15	0.17	0.18	0.19	0.19	0.19	0.18
8	0.17	0.20	0.22	0.24	0.26	0.26	0.26	0.25
9	0.22	0.26	0.29	0.31	0.33	0.33	0.33	0.32
10	0.27	0.31	0.34	0.37	0.39	0.40	0.39	0.38
11	0.30	0.35	0.39	0.42	0.44	0.45	0.45	0.43
12	0.32	0.37	0.41	0.45	0.47	0.48	0.47	0.45
13	0.32	0.37	0.41	0.45	0.47	0.48	0.47	0.45

14	0.30	0.35	0.39	0.42	0.44	0.45	0.45	0.43
15	0.27	0.31	0.34	0.37	0.39	0.40	0.39	0.38
16	0.22	0.26	0.29	0.31	0.33	0.33	0.33	0.31
17	0.17	0.20	0.22	0.24	0.25	0.26	0.26	0.25
18	0.13	0.15	0.16	0.18	0.19	0.19	0.19	0.18
19	0.09	0.10	0.11	0.12	0.13	0.13	0.13	0.13
20	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.08
21	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05
22	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03
23	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	0.01	0.01	0.01	0.01	0.00	0.00	0.00	
2	0.01	0.01	0.01	0.01	0.01	0.01	0.00	
3	0.03	0.02	0.02	0.02	0.01	0.01	0.01	
4	0.05	0.04	0.04	0.03	0.03	0.02	0.02	
5	0.08	0.07	0.06	0.05	0.04	0.03	0.03	
6	0.12	0.11	0.09	[illegible]	0.06	0.05	0.04	
7	0.17	0.15	0.13	[illegible]	0.09	0.07	0.06	
8	0.23	0.21	0.18	0.15	0.13	0.10	0.08	
9	0.29	0.26	0.23	0.20	0.16	0.13	0.10	
10	0.35	0.32	0.28	0.24	0.19	0.15	0.12	
11	0.40	0.36	0.31	0.27	0.22	0.17	0.13	
12	0.42	0.38	0.33	0.28	0.23	0.19	0.14	
13	0.42	0.38	0.33	0.28	0.23	0.19	0.14	
14	0.40	0.36	0.31	0.27	0.22	0.17	0.13	
15	0.35	0.32	0.28	0.23	0.19	0.15	0.12	
16	0.29	0.26	0.23	0.20	0.16	0.13	0.10	
17	0.23	0.21	0.18	0.15	0.13	0.10	0.08	
18	0.17	0.15	0.13	0.11	0.09	0.07	0.06	
19	0.12	0.10	0.09	0.08	0.06	0.05	0.04	
20	0.08	0.07	0.06	0.05	0.04	0.03	0.03	
21	0.05	0.04	0.04	0.03	0.03	0.02	0.02	
22	0.03	0.02	0.02	0.02	0.01	0.01	0.01	
23	0.01	0.01	0.01	0.01	0.01	0.01	0.00	

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 3285.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
2	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
3	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
4	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.03
5	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.04
6	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.07
7	0.01	0.02	0.02	0.03	0.04	0.06	0.07	0.09
8	0.01	0.02	0.03	0.04	0.06	0.07	0.10	0.12
9	0.02	0.03	0.04	0.05	0.07	0.09	0.12	0.15
10	0.02	0.03	0.05	0.06	0.08	0.11	0.14	0.17
11	0.02	0.04	0.05	0.07	0.09	0.12	0.16	0.19
12	0.03	0.04	0.05	0.07	0.10	0.13	0.16	0.20
13	0.03	0.04	0.05	0.07	0.10	0.13	0.16	0.20
14	0.02	0.04	0.05	0.07	0.09	0.12	0.16	0.19
15	0.02	0.03	0.04	0.06	0.08	0.11	0.14	0.17
16	0.02	0.03	0.04	0.05	0.07	0.09	0.12	0.15
17	0.01	0.02	0.03	0.04	0.06	0.07	0.09	0.12
18	0.01	0.02	0.02	0.03	0.04	0.06	0.07	0.09
19	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.06

20	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.04
21	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.03
22	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
23	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
2	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02
3	0.02	0.03	0.03	0.03	0.03	0.04	0.04	0.04
4	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.06
5	0.05	0.06	0.07	0.08	0.09	0.09	0.09	0.09
6	0.08	0.09	0.11	0.12	0.13	0.13	0.14	0.14
7	0.11	0.13	0.15	0.16	0.18	0.18	0.19	0.19
8	0.14	0.17	0.19	0.21	0.23	0.24	0.25	0.25
9	0.18	0.21	0.24	0.26	0.29	0.30	0.31	0.31
10	0.21	0.24	0.28	0.31	0.34	0.35	0.36	0.36
11	0.23	0.27	0.31	0.35	0.37	0.39	0.40	0.40
12	0.25	0.29	0.33	0.37	0.39	0.42	0.43	0.42
13	0.24	0.29	0.33	0.36	0.39	0.42	0.43	0.42
14	0.23	0.27	0.31	0.35	0.37	0.39	0.40	0.40
15	0.21	0.24	0.28	0.31	0.33	0.35	0.36	0.36
16	0.18	0.21	0.24	0.26	0.28	0.30	0.31	0.31
17	0.14	0.17	0.19	0.21	0.23	0.24	0.25	0.25
18	0.11	0.13	0.14	0.16	0.17	0.18	0.19	0.19
19	0.08	0.09	0.10	0.12	0.13	0.13	0.14	0.14
20	0.05	0.06	0.07	0.08	0.09	0.09	0.09	0.09
21	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.06
22	0.02	0.02	0.03	0.03	0.03	0.04	0.04	0.04
23	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
2	0.02	0.02	0.02	0.02	0.01	0.01	0.01	
3	0.04	0.03	0.03	0.03	0.02	0.02	0.02	
4	0.06	0.06	0.05	0.05	0.04	0.03	0.03	
5	0.09	0.09	0.08	0.07	0.06	0.05	0.04	
6	0.13	0.12	0.11	0.10	0.09	0.08	0.06	
7	0.18	0.17	0.16	0.14	0.12	0.10	0.09	
8	0.24	0.23	0.21	0.19	0.16	0.14	0.11	
9	0.30	0.28	0.26	0.23	0.20	0.17	0.14	
10	0.35	0.33	0.30	0.27	0.24	0.20	0.17	
11	0.39	0.37	0.34	0.30	0.26	0.22	0.18	
12	0.41	0.39	0.36	0.32	0.28	0.24	0.19	
13	0.41	0.39	0.36	0.32	0.28	0.24	0.19	
14	0.39	0.37	0.34	0.30	0.26	0.22	0.18	
15	0.35	0.33	0.30	0.27	0.24	0.20	0.16	
16	0.30	0.28	0.26	0.23	0.20	0.17	0.14	
17	0.24	0.23	0.21	0.19	0.16	0.14	0.11	
18	0.18	0.17	0.16	0.14	0.12	0.10	0.09	
19	0.13	0.12	0.11	0.10	0.09	0.07	0.06	
20	0.09	0.08	0.08	0.07	0.06	0.05	0.04	
21	0.06	0.05	0.05	0.04	0.04	0.03	0.03	
22	0.04	0.03	0.03	0.03	0.02	0.02	0.02	
23	0.02	0.02	0.02	0.02	0.01	0.01	0.01	

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 3650.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW I-COLUMN

	1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
2	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
3	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
4	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.03
5	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04
6	0.01	0.01	0.01	0.02	0.03	0.03	0.04	0.06
7	0.01	0.01	0.02	0.03	0.04	0.05	0.06	0.07
8	0.01	0.02	0.02	0.03	0.04	0.06	0.08	0.09
9	0.01	0.02	0.03	0.04	0.05	0.07	0.09	0.11
10	0.02	0.02	0.03	0.05	0.06	0.08	0.11	0.13
11	0.02	0.03	0.04	0.05	0.07	0.09	0.12	0.15
12	0.02	0.03	0.04	0.05	0.07	0.10	0.12	0.15
13	0.02	0.03	0.04	0.05	0.07	0.10	0.12	0.15
14	0.02	0.03	0.04	0.05	0.07	0.09	0.12	0.15
15	0.02	0.02	0.03	0.05	0.06	0.08	0.11	0.13
16	0.01	0.02	0.03	0.04	0.05	0.07	0.09	0.11
17	0.01	0.02	0.02	0.03	0.04	0.06	0.07	0.09
18	0.01	0.01	0.02	0.03	0.03	0.05	0.06	0.07
19	0.01	0.01	0.01	0.02	0.03	0.03	0.04	0.05
20	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04
21	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.03
22	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
23	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02
2	0.01	0.02	0.02	0.02	0.02	0.02	0.03	0.03
3	0.02	0.02	0.03	0.03	0.04	0.04	0.04	0.04
4	0.03	0.04	0.04	0.05	0.06	0.06	0.06	0.07
5	0.05	0.06	0.07	0.08	0.08	0.09	0.09	0.10
6	0.07	0.08	0.09	0.11	0.12	0.13	0.13	0.14
7	0.09	0.11	0.12	0.14	0.16	0.17	0.18	0.18
8	0.12	0.14	0.16	0.18	0.20	0.22	0.23	0.23
9	0.14	0.17	0.19	0.22	0.24	0.26	0.28	0.29
10	0.16	0.19	0.22	0.25	0.28	0.30	0.32	0.33
11	0.18	0.21	0.25	0.28	0.31	0.34	0.35	0.36
12	0.19	0.22	0.26	0.29	0.33	0.35	0.37	0.38
13	0.19	0.22	0.26	0.29	0.33	0.35	0.37	0.38
14	0.18	0.21	0.25	0.28	0.31	0.34	0.35	0.36
15	0.16	0.19	0.22	0.25	0.28	0.30	0.32	0.33
16	0.14	0.17	0.19	0.22	0.24	0.26	0.28	0.28
17	0.11	0.14	0.16	0.18	0.20	0.22	0.23	0.23
18	0.09	0.11	0.12	0.14	0.16	0.17	0.18	0.18
19	0.07	0.08	0.09	0.11	0.12	0.13	0.13	0.14
20	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10
21	0.03	0.04	0.04	0.05	0.06	0.06	0.06	0.07
22	0.02	0.02	0.03	0.03	0.04	0.04	0.04	0.04
23	0.01	0.02	0.02	0.02	0.02	0.02	0.03	0.03

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	0.02	0.01	0.01	0.01	0.01	0.01	0.01	
2	0.03	0.03	0.02	0.02	0.02	0.02	0.02	
3	0.04	0.04	0.04	0.04	0.03	0.03	0.03	
4	0.07	0.06	0.06	0.06	0.05	0.05	0.04	
5	0.10	0.10	0.09	0.09	0.08	0.07	0.06	
6	0.14	0.13	0.13	0.12	0.11	0.10	0.08	
7	0.18	0.18	0.17	0.16	0.15	0.13	0.11	
8	0.24	0.23	0.22	0.21	0.19	0.17	0.14	
9	0.29	0.28	0.27	0.25	0.23	0.20	0.18	
10	0.33	0.32	0.31	0.29	0.26	0.23	0.20	

11	0.37	0.36	0.34	0.32	0.29	0.26	0.22
12	0.38	0.38	0.36	0.34	0.31	0.27	0.24
13	0.38	0.38	0.36	0.34	0.31	0.27	0.24
14	0.37	0.36	0.34	0.32	0.29	0.26	0.22
15	0.33	0.32	0.31	0.29	0.26	0.23	0.20
16	0.29	0.28	0.27	0.25	0.23	0.20	0.18
17	0.23	0.23	0.22	0.21	0.19	0.17	0.14
18	0.18	0.18	0.17	0.16	0.15	0.13	0.11
19	0.14	0.13	0.13	0.12	0.11	0.10	0.08
20	0.10	0.10	0.09	0.08	0.08	0.07	0.06
21	0.07	0.06	0.06	0.06	0.05	0.05	0.04
22	0.04	0.04	0.04	0.04	0.03	0.03	0.03
23	0.03	0.03	0.02	0.02	0.02	0.02	0.02

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 4015.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
2	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
3	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
4	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
5	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.03
6	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05
7	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.06
8	0.01	0.01	0.02	0.03	0.03	0.05	0.06	0.07
9	0.01	0.02	0.02	0.03	0.04	0.05	0.07	0.09
10	0.01	0.02	0.03	0.04	0.05	0.06	0.08	0.10
11	0.01	0.02	0.03	0.04	0.05	0.07	0.09	0.11
12	0.01	0.02	0.03	0.04	0.05	0.07	0.09	0.12
13	0.01	0.02	0.03	0.04	0.05	0.07	0.09	0.12
14	0.01	0.02	0.03	0.04	0.05	0.07	0.09	0.11
15	0.01	0.02	0.03	0.04	0.05	0.06	0.08	0.10
16	0.01	0.02	0.02	0.03	0.04	0.05	0.07	0.09
17	0.01	0.01	0.02	0.03	0.03	0.05	0.06	0.07
18	0.01	0.01	0.01	0.02	0.03	0.04	0.05	0.06
19	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05
20	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.03
21	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
22	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
23	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02
2	0.01	0.02	0.02	0.02	0.02	0.03	0.03	0.03
3	0.02	0.02	0.03	0.03	0.04	0.04	0.04	0.05
4	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07
5	0.04	0.05	0.06	0.07	0.08	0.08	0.09	0.10
6	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.13
7	0.07	0.09	0.11	0.12	0.14	0.15	0.16	0.17
8	0.09	0.11	0.13	0.15	0.17	0.19	0.20	0.22
9	0.11	0.13	0.16	0.18	0.20	0.23	0.24	0.26
10	0.13	0.15	0.18	0.21	0.23	0.26	0.28	0.29
11	0.14	0.17	0.20	0.23	0.25	0.28	0.30	0.32
12	0.14	0.17	0.20	0.24	0.27	0.29	0.32	0.34
13	0.14	0.17	0.20	0.24	0.27	0.29	0.32	0.33
14	0.14	0.17	0.20	0.23	0.25	0.28	0.30	0.32
15	0.13	0.15	0.18	0.21	0.23	0.26	0.28	0.29
16	0.11	0.13	0.16	0.18	0.20	0.22	0.24	0.26

17	0.09	0.11	0.13	0.15	0.17	0.19	0.20	0.21
18	0.07	0.09	0.10	0.12	0.14	0.15	0.16	0.17
19	0.06	0.07	0.08	0.09	0.10	0.12	0.12	0.13
20	0.04	0.05	0.06	0.07	0.08	0.08	0.09	0.10
21	0.03	0.03	0.04	0.05	0.05	0.06	0.06	0.07
22	0.02	0.02	0.03	0.03	0.04	0.04	0.04	0.05
23	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.03

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	0.02	0.02	0.02	0.02	0.02	0.02	0.01	
2	0.03	0.03	0.03	0.03	0.03	0.03	0.02	
3	0.05	0.05	0.05	0.05	0.04	0.04	0.04	
4	0.07	0.07	0.07	0.07	0.06	0.06	0.05	
5	0.10	0.10	0.10	0.10	0.09	0.08	0.08	
6	0.14	0.14	0.14	0.13	0.12	0.11	0.10	
7	0.18	0.18	0.18	0.17	0.16	0.15	0.14	
8	0.22	0.22	0.22	0.21	0.20	0.19	0.17	
9	0.27	0.27	0.26	0.26	0.24	0.22	0.20	
10	0.30	0.31	0.30	0.29	0.28	0.25	0.23	
11	0.33	0.33	0.33	0.32	0.30	0.28	0.25	
12	0.35	0.35	0.35	0.33	0.31	0.29	0.26	
13	0.35	0.35	0.35	0.33	0.31	0.29	0.26	
14	0.33	0.33	0.33	0.32	0.30	0.28	0.25	
15	0.30	0.31	0.30	0.29	0.28	0.25	0.23	
16	0.26	0.27	0.26	0.25	0.24	0.22	0.20	
17	0.22	0.22	0.22	0.21	0.20	0.19	0.17	
18	0.18	0.18	0.18	0.17	0.16	0.15	0.13	
19	0.14	0.14	0.14	0.13	0.12	0.11	0.10	
20	0.10	0.10	0.10	0.10	0.09	0.08	0.08	
21	0.07	0.07	0.07	0.07	0.06	0.06	0.05	
22	0.05	0.05	0.05	0.04	0.04	0.04	0.04	
23	0.03	0.03	0.03	0.03	0.03	0.03	0.02	

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 4380.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
2	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
3	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
4	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
5	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.03
6	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04
7	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05
8	0.01	0.01	0.01	0.02	0.03	0.04	0.05	0.06
9	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.07
10	0.01	0.01	0.02	0.03	0.04	0.05	0.06	0.08
11	0.01	0.01	0.02	0.03	0.04	0.05	0.07	0.09
12	0.01	0.02	0.02	0.03	0.04	0.05	0.07	0.09
13	0.01	0.02	0.02	0.03	0.04	0.05	0.07	0.09
14	0.01	0.01	0.02	0.03	0.04	0.05	0.07	0.09
15	0.01	0.01	0.02	0.03	0.04	0.05	0.06	0.08
16	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.07
17	0.01	0.01	0.01	0.02	0.03	0.04	0.05	0.06
18	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05
19	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04
20	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.03
21	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
22	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01

23	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02
2	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.03
3	0.02	0.02	0.03	0.03	0.03	0.04	0.04	0.05
4	0.03	0.03	0.04	0.04	0.05	0.06	0.06	0.07
5	0.04	0.04	0.05	0.06	0.07	0.08	0.09	0.09
6	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12
7	0.06	0.07	0.09	0.10	0.12	0.13	0.15	0.16
8	0.07	0.09	0.11	0.13	0.14	0.16	0.18	0.19
9	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23
10	0.10	0.12	0.14	0.17	0.19	0.22	0.24	0.26
11	0.11	0.13	0.15	0.18	0.21	0.23	0.26	0.28
12	0.11	0.13	0.16	0.19	0.22	0.24	0.27	0.29
13	0.11	0.13	0.16	0.19	0.22	0.24	0.27	0.29
14	0.11	0.13	0.15	0.18	0.21	0.23	0.26	0.28
15	0.10	0.12	0.14	0.17	0.19	0.21	0.24	0.25
16	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23
17	0.07	0.09	0.11	0.13	0.14	0.16	0.18	0.19
18	0.06	0.07	0.09	0.10	0.12	0.13	0.14	0.16
19	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12
20	0.04	0.04	0.05	0.06	0.07	0.08	0.09	0.09
21	0.03	0.03	0.04	0.04	0.05	0.06	0.06	0.07
22	0.02	0.02	0.03	0.03	0.03	0.04	0.04	0.05
23	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.03

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
2	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
3	0.05	0.05	0.05	0.05	0.05	0.05	0.04	
4	0.07	0.07	0.07	0.07	0.07	0.07	0.06	
5	0.10	0.10	0.10	0.10	0.10	0.09	0.09	
6	0.13	0.13	0.14	0.14	0.13	0.13	0.12	
7	0.17	0.17	0.17	0.17	0.17	0.16	0.15	
8	0.20	0.21	0.21	0.21	0.21	0.20	0.18	
9	0.24	0.25	0.25	0.25	0.24	0.23	0.22	
10	0.27	0.28	0.28	0.28	0.27	0.26	0.25	
11	0.29	0.30	0.31	0.31	0.30	0.28	0.27	
12	0.30	0.32	0.32	0.32	0.31	0.30	0.28	
13	0.30	0.32	0.32	0.32	0.31	0.30	0.28	
14	0.29	0.30	0.31	0.31	0.30	0.28	0.27	
15	0.27	0.28	0.28	0.28	0.27	0.26	0.24	
16	0.24	0.25	0.25	0.25	0.24	0.23	0.22	
17	0.20	0.21	0.21	0.21	0.21	0.20	0.18	
18	0.16	0.17	0.17	0.17	0.17	0.16	0.15	
19	0.13	0.13	0.14	0.13	0.13	0.13	0.12	
20	0.10	0.10	0.10	0.10	0.10	0.09	0.09	
21	0.07	0.07	0.07	0.07	0.07	0.07	0.06	
22	0.05	0.05	0.05	0.05	0.05	0.05	0.04	
23	0.03	0.03	0.03	0.03	0.03	0.03	0.03	

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 4745.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01

2	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
3	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
4	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
5	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
6	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.03
7	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04
8	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05
9	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05
10	0.01	0.01	0.01	0.02	0.03	0.04	0.05	0.06
11	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.07
12	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.07
13	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.07
14	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.07
15	0.01	0.01	0.01	0.02	0.03	0.04	0.05	0.06
16	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05
17	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05
18	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04
19	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.03
20	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
21	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
22	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
23	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02
2	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.03
3	0.02	0.02	0.02	0.03	0.03	0.04	0.04	0.05
4	0.02	0.03	0.03	0.04	0.05	0.05	0.06	0.06
5	0.03	0.04	0.04	0.05	0.06	0.07	0.08	0.09
6	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11
7	0.05	0.06	0.07	0.09	0.10	0.11	0.13	0.14
8	0.06	0.07	0.09	0.10	0.12	0.14	0.15	0.17
9	0.07	0.08	0.10	0.12	0.14	0.16	0.18	0.20
10	0.08	0.09	0.11	0.13	0.16	0.18	0.20	0.22
11	0.08	0.10	0.12	0.14	0.17	0.19	0.21	0.24
12	0.09	0.10	0.13	0.15	0.17	0.20	0.22	0.24
13	0.09	0.10	0.13	0.15	0.17	0.20	0.22	0.24
14	0.08	0.10	0.12	0.14	0.17	0.19	0.21	0.24
15	0.08	0.09	0.11	0.13	0.16	0.18	0.20	0.22
16	0.07	0.08	0.10	0.12	0.14	0.16	0.18	0.19
17	0.06	0.07	0.09	0.10	0.12	0.14	0.15	0.17
18	0.05	0.06	0.07	0.09	0.10	0.11	0.13	0.14
19	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11
20	0.03	0.04	0.04	0.05	0.06	0.07	0.08	0.09
21	0.02	0.03	0.03	0.04	0.05	0.05	0.06	0.06
22	0.02	0.02	0.02	0.03	0.04	0.04	0.04	0.04
23	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.03

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
2	0.03	0.04	0.04	0.04	0.04	0.04	0.04	
3	0.05	0.05	0.05	0.05	0.05	0.05	0.05	
4	0.07	0.07	0.07	0.08	0.08	0.07	0.07	
5	0.09	0.10	0.10	0.10	0.10	0.10	0.10	
6	0.12	0.13	0.13	0.13	0.13	0.13	0.13	
7	0.15	0.16	0.17	0.17	0.17	0.17	0.16	
8	0.18	0.19	0.20	0.20	0.20	0.20	0.19	
9	0.21	0.22	0.23	0.24	0.24	0.23	0.22	
10	0.24	0.25	0.26	0.26	0.26	0.26	0.25	
11	0.25	0.27	0.28	0.28	0.28	0.28	0.27	
12	0.26	0.28	0.29	0.30	0.30	0.29	0.28	
13	0.26	0.28	0.29	0.30	0.30	0.29	0.28	

14	0.25	0.27	0.28	0.28	0.28	0.28	0.27
15	0.24	0.25	0.26	0.26	0.26	0.26	0.25
16	0.21	0.22	0.23	0.24	0.24	0.23	0.22
17	0.18	0.19	0.20	0.20	0.20	0.20	0.19
18	0.15	0.16	0.16	0.17	0.17	0.16	0.16
19	0.12	0.13	0.13	0.13	0.13	0.13	0.13
20	0.09	0.10	0.10	0.10	0.10	0.10	0.10
21	0.07	0.07	0.07	0.08	0.08	0.07	0.07
22	0.05	0.05	0.05	0.05	0.05	0.05	0.05
23	0.03	0.04	0.04	0.04	0.04	0.04	0.04

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 5110.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
2	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
3	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
4	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
5	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02
6	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.03
7	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.03
8	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04
9	0.01	0.01	0.01	0.01	0.02	0.03	0.03	0.04
10	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05
11	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05
12	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05
13	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05
14	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05
15	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05
16	0.01	0.01	0.01	0.01	0.02	0.03	0.03	0.04
17	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04
18	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.03
19	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.03
20	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02
21	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
22	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
23	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02
2	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03
3	0.01	0.02	0.02	0.02	0.03	0.03	0.04	0.04
4	0.02	0.02	0.03	0.03	0.04	0.05	0.05	0.06
5	0.02	0.03	0.04	0.04	0.05	0.06	0.07	0.08
6	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10
7	0.04	0.05	0.06	0.07	0.08	0.10	0.11	0.12
8	0.05	0.06	0.07	0.08	0.10	0.11	0.13	0.15
9	0.05	0.07	0.08	0.10	0.11	0.13	0.15	0.17
10	0.06	0.07	0.09	0.11	0.13	0.15	0.17	0.19
11	0.06	0.08	0.10	0.12	0.14	0.16	0.18	0.20
12	0.07	0.08	0.10	0.12	0.14	0.16	0.18	0.21
13	0.07	0.08	0.10	0.12	0.14	0.16	0.18	0.21
14	0.06	0.08	0.10	0.12	0.14	0.16	0.18	0.20
15	0.06	0.07	0.09	0.11	0.13	0.15	0.17	0.18
16	0.05	0.07	0.08	0.10	0.11	0.13	0.15	0.17
17	0.05	0.06	0.07	0.08	0.10	0.11	0.13	0.14
18	0.04	0.05	0.06	0.07	0.08	0.10	0.11	0.12
19	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10

20	0.02	0.03	0.04	0.04	0.05	0.06	0.07	0.08
21	0.02	0.02	0.03	0.03	0.04	0.05	0.05	0.06
22	0.01	0.02	0.02	0.02	0.03	0.03	0.04	0.04
23	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	0.02	0.02	0.03	0.03	0.03	0.03	0.03	
2	0.03	0.04	0.04	0.04	0.04	0.04	0.04	
3	0.05	0.05	0.05	0.06	0.06	0.06	0.06	
4	0.06	0.07	0.07	0.08	0.08	0.08	0.08	
5	0.08	0.09	0.10	0.10	0.10	0.10	0.10	
6	0.11	0.12	0.12	0.13	0.13	0.13	0.13	
7	0.13	0.14	0.15	0.16	0.16	0.16	0.16	
8	0.16	0.17	0.18	0.19	0.19	0.19	0.19	
9	0.18	0.20	0.21	0.22	0.22	0.22	0.22	
10	0.20	0.22	0.23	0.24	0.25	0.25	0.24	
11	0.22	0.23	0.25	0.26	0.26	0.27	0.26	
12	0.23	0.24	0.26	0.27	0.27	0.27	0.27	
13	0.23	0.24	0.26	0.27	0.27	0.27	0.27	
14	0.22	0.23	0.25	0.26	0.26	0.27	0.26	
15	0.20	0.22	0.23	0.24	0.25	0.25	0.24	
16	0.18	0.20	0.21	0.22	0.22	0.22	0.22	
17	0.16	0.17	0.18	0.19	0.19	0.19	0.19	
18	0.13	0.14	0.15	0.16	0.16	0.16	0.16	
19	0.11	0.12	0.12	0.13	0.13	0.13	0.13	
20	0.08	0.09	0.10	0.10	0.10	0.10	0.10	
21	0.06	0.07	0.07	0.08	0.08	0.08	0.08	
22	0.05	0.05	0.05	0.06	0.06	0.06	0.06	
23	0.03	0.04	0.04	0.04	0.04	0.04	0.04	

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 5475.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
3	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
4	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
5	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
6	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02
7	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
8	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.03
9	0.00	0.01	0.01	0.01	0.01	0.02	0.03	0.03
10	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04
11	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04
12	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04
13	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04
14	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04
15	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04
16	0.00	0.01	0.01	0.01	0.01	0.02	0.03	0.03
17	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.03
18	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
19	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02
20	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
21	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
22	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
23	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01

J-ROW I-COLUMN

	9	10	11	12	13	14	15	16
1	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02
2	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03
3	0.01	0.01	0.02	0.02	0.03	0.03	0.03	0.04
4	0.02	0.02	0.02	0.03	0.03	0.04	0.05	0.05
5	0.02	0.03	0.03	0.04	0.05	0.05	0.06	0.07
6	0.03	0.03	0.04	0.05	0.06	0.07	0.08	0.09
7	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.11
8	0.04	0.05	0.06	0.07	0.08	0.10	0.11	0.12
9	0.04	0.05	0.06	0.08	0.09	0.11	0.12	0.14
10	0.05	0.06	0.07	0.09	0.10	0.12	0.14	0.16
11	0.05	0.06	0.08	0.09	0.11	0.13	0.15	0.17
12	0.05	0.06	0.08	0.09	0.11	0.13	0.15	0.17
13	0.05	0.06	0.08	0.09	0.11	0.13	0.15	0.17
14	0.05	0.06	0.08	0.09	0.11	0.13	0.15	0.17
15	0.05	0.06	0.07	0.09	0.10	0.12	0.14	0.15
16	0.04	0.05	0.06	0.08	0.09	0.11	0.12	0.14
17	0.04	0.05	0.06	0.07	0.08	0.09	0.11	0.12
18	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10
19	0.03	0.03	0.04	0.05	0.06	0.07	0.08	0.09
20	0.02	0.03	0.03	0.04	0.05	0.05	0.06	0.07
21	0.02	0.02	0.02	0.03	0.03	0.04	0.05	0.05
22	0.01	0.01	0.02	0.02	0.03	0.03	0.03	0.04
23	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	0.02	0.02	0.03	0.03	0.03	0.03	0.03	
2	0.03	0.03	0.04	0.04	0.04	0.04	0.04	
3	0.04	0.05	0.05	0.05	0.06	0.06	0.06	
4	0.06	0.06	0.07	0.07	0.08	0.08	0.08	
5	0.08	0.08	0.09	0.10	0.10	0.10	0.10	
6	0.10	0.11	0.11	0.12	0.13	0.13	0.13	
7	0.12	0.13	0.14	0.15	0.15	0.16	0.16	
8	0.14	0.15	0.16	0.17	0.18	0.18	0.19	
9	0.16	0.17	0.18	0.20	0.20	0.21	0.21	
10	0.17	0.19	0.20	0.22	0.23	0.23	0.23	
11	0.18	0.20	0.22	0.23	0.24	0.25	0.25	
12	0.19	0.21	0.22	0.24	0.25	0.25	0.26	
13	0.19	0.21	0.22	0.24	0.25	0.25	0.26	
14	0.18	0.20	0.22	0.23	0.24	0.25	0.25	
15	0.17	0.19	0.20	0.22	0.22	0.23	0.23	
16	0.16	0.17	0.18	0.20	0.20	0.21	0.21	
17	0.14	0.15	0.16	0.17	0.18	0.18	0.18	
18	0.12	0.13	0.14	0.15	0.15	0.16	0.16	
19	0.10	0.10	0.11	0.12	0.12	0.13	0.13	
20	0.08	0.08	0.09	0.10	0.10	0.10	0.10	
21	0.06	0.06	0.07	0.07	0.08	0.08	0.08	
22	0.04	0.05	0.05	0.05	0.06	0.06	0.06	
23	0.03	0.03	0.04	0.04	0.04	0.04	0.04	

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 5840.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
3	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
4	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01

5	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
6	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
7	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02
8	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
9	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.03
10	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.03
11	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.03
12	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.03
13	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.03
14	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.03
15	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.03
16	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.03
17	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
18	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02
19	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
20	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
21	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
22	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02
2	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.03
3	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.04
4	0.01	0.02	0.02	0.03	0.03	0.04	0.04	0.05
5	0.02	0.02	0.03	0.03	0.04	0.05	0.05	0.06
6	0.02	0.03	0.03	0.04	0.05	0.06	0.07	0.07
7	0.03	0.03	0.04	0.05	0.06	0.07	0.08	0.09
8	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10
9	0.03	0.04	0.05	0.06	0.08	0.09	0.10	0.12
10	0.04	0.05	0.06	0.07	0.08	0.10	0.11	0.13
11	0.04	0.05	0.06	0.07	0.09	0.10	0.12	0.14
12	0.04	0.05	0.06	0.08	0.09	0.11	0.12	0.14
13	0.04	0.05	0.06	0.08	0.09	0.11	0.12	0.14
14	0.04	0.05	0.06	0.07	0.09	0.10	0.12	0.14
15	0.04	0.05	0.06	0.07	0.08	0.10	0.11	0.13
16	0.03	0.04	0.05	0.06	0.07	0.09	0.10	0.12
17	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10
18	0.03	0.03	0.04	0.05	0.06	0.07	0.08	0.09
19	0.02	0.03	0.03	0.04	0.05	0.06	0.06	0.07
20	0.02	0.02	0.03	0.03	0.04	0.05	0.05	0.06
21	0.01	0.02	0.02	0.02	0.03	0.04	0.04	0.05
22	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.04
23	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.03

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	0.02	0.02	0.03	0.03	0.03	0.03	0.03	
2	0.03	0.03	0.04	0.04	0.04	0.04	0.04	
3	0.04	0.04	0.05	0.05	0.06	0.06	0.06	
4	0.05	0.06	0.06	0.07	0.07	0.08	0.08	
5	0.07	0.08	0.08	0.09	0.09	0.10	0.10	
6	0.08	0.09	0.10	0.11	0.12	0.12	0.13	
7	0.10	0.11	0.12	0.13	0.14	0.15	0.15	
8	0.12	0.13	0.14	0.15	0.16	0.17	0.18	
9	0.13	0.15	0.16	0.17	0.18	0.19	0.20	
10	0.15	0.16	0.18	0.19	0.20	0.21	0.22	
11	0.15	0.17	0.19	0.20	0.21	0.22	0.23	
12	0.16	0.18	0.19	0.21	0.22	0.23	0.24	
13	0.16	0.18	0.19	0.21	0.22	0.23	0.24	
14	0.15	0.17	0.19	0.20	0.21	0.22	0.23	
15	0.15	0.16	0.18	0.19	0.20	0.21	0.22	
16	0.13	0.15	0.16	0.17	0.18	0.19	0.20	

17	0.12	0.13	0.14	0.15	0.16	0.17	0.17
18	0.10	0.11	0.12	0.13	0.14	0.15	0.15
19	0.08	0.09	0.10	0.11	0.12	0.12	0.12
20	0.07	0.08	0.08	0.09	0.09	0.10	0.10
21	0.05	0.06	0.06	0.07	0.07	0.08	0.08
22	0.04	0.04	0.05	0.05	0.06	0.06	0.06
23	0.03	0.03	0.04	0.04	0.04	0.04	0.04

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 6205.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
3	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
4	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
5	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
6	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
7	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
8	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
9	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02
10	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
11	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
12	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
13	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
14	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
15	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
16	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02
17	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
18	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
19	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
20	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
21	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
22	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.00	0.01	0.01	0.01	0.01	0.01	0.02	0.02
2	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02
3	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03
4	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.04
5	0.01	0.02	0.02	0.03	0.03	0.04	0.05	0.05
6	0.02	0.02	0.03	0.03	0.04	0.05	0.06	0.06
7	0.02	0.03	0.03	0.04	0.05	0.06	0.07	0.08
8	0.02	0.03	0.04	0.04	0.05	0.06	0.08	0.09
9	0.03	0.03	0.04	0.05	0.06	0.07	0.08	0.10
10	0.03	0.04	0.04	0.05	0.07	0.08	0.09	0.11
11	0.03	0.04	0.05	0.06	0.07	0.08	0.10	0.11
12	0.03	0.04	0.05	0.06	0.07	0.09	0.10	0.12
13	0.03	0.04	0.05	0.06	0.07	0.09	0.10	0.12
14	0.03	0.04	0.05	0.06	0.07	0.08	0.10	0.11
15	0.03	0.04	0.04	0.05	0.07	0.08	0.09	0.11
16	0.03	0.03	0.04	0.05	0.06	0.07	0.08	0.10
17	0.02	0.03	0.04	0.04	0.05	0.06	0.08	0.09
18	0.02	0.03	0.03	0.04	0.05	0.06	0.07	0.08
19	0.02	0.02	0.03	0.03	0.04	0.05	0.05	0.06
20	0.01	0.02	0.02	0.03	0.03	0.04	0.04	0.05
21	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.04
22	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03

23	0.01	0.01	0.01	.01	0.01	0.02	0.02	0.02

J-ROW	COLUMN 17	18	19	20	21	22	23	24
1	0.02	0.02	0.02	0.03	0.03	0.03	0.03	
2	0.03	0.03	0.03	0.04	0.04	0.04	0.04	
3	0.04	0.04	0.05	0.05	0.05	0.06	0.06	
4	0.05	0.05	0.06	0.06	0.07	0.07	0.08	
5	0.06	0.07	0.07	0.08	0.09	0.09	0.10	
6	0.07	0.08	0.09	0.10	0.11	0.11	0.12	
7	0.09	0.10	0.11	0.12	0.13	0.13	0.14	
8	0.10	0.11	0.12	0.14	0.15	0.15	0.16	
9	0.11	0.13	0.14	0.15	0.16	0.17	0.18	
10	0.12	0.14	0.15	0.17	0.18	0.19	0.20	
11	0.13	0.15	0.16	0.18	0.19	0.20	0.21	
12	0.13	0.15	0.17	0.18	0.19	0.21	0.22	
13	0.13	0.15	0.17	0.18	0.19	0.21	0.22	
14	0.13	0.15	0.16	0.18	0.19	0.20	0.21	
15	0.12	0.14	0.15	0.17	0.18	0.19	0.20	
16	0.11	0.13	0.14	0.15	0.16	0.17	0.18	
17	0.10	0.11	0.12	0.14	0.15	0.15	0.16	
18	0.09	0.10	0.11	0.12	0.13	0.13	0.14	
19	0.07	0.08	0.09	0.10	0.11	0.11	0.12	
20	0.06	0.07	0.07	0.08	0.09	0.09	0.10	
21	0.05	0.05	0.06	0.06	0.07	0.07	0.08	
22	0.04	0.04	0.05	0.05	0.05	0.06	0.06	
23	0.03	0.03	0.03	0.04	0.04	0.04	0.04	

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 6[illegible].00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
4	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
5	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
6	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
7	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
8	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
9	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
10	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
11	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
12	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
13	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
14	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
15	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
16	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
17	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
18	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
19	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
20	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
21	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.02

2	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02
3	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.03
4	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.04
5	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.04
6	0.01	0.02	0.02	0.03	0.03	0.04	0.05	0.05
7	0.02	0.02	0.03	0.03	0.04	0.05	0.05	0.06
8	0.02	0.02	0.03	0.04	0.04	0.05	0.06	0.07
9	0.02	0.03	0.03	0.04	0.05	0.06	0.07	0.08
10	0.02	0.03	0.04	0.04	0.05	0.06	0.08	0.09
11	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
12	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.10
13	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.10
14	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
15	0.02	0.03	0.04	0.04	0.05	0.06	0.08	0.09
16	0.02	0.03	0.03	0.04	0.05	0.06	0.07	0.08
17	0.02	0.02	0.03	0.04	0.04	0.05	0.06	0.07
18	0.02	0.02	0.03	0.03	0.04	0.05	0.05	0.06
19	0.01	0.02	0.02	0.03	0.03	0.04	0.05	0.05
20	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.04
21	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.04
22	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.03
23	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02

J-ROW	I-COLUMN							
	17	18	19	20	21	22	23	24
1	0.02	0.02	0.02	0.03	0.03	0.03	0.03	
2	0.02	0.03	0.03	0.03	0.04	0.04	0.04	
3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	
4	0.04	0.05	0.05	0.06	0.06	0.07	0.07	
5	0.05	0.06	0.07	0.07	0.08	0.09	0.09	
6	0.06	0.07	0.08	0.09	0.10	0.10	0.11	
7	0.07	0.08	0.09	0.10	0.11	0.12	0.13	
8	0.08	0.10	0.11	0.12	0.13	0.14	0.15	
9	0.09	0.11	0.12	0.13	0.14	0.15	0.16	
10	0.10	0.12	0.13	0.14	0.16	0.17	0.18	
11	0.11	0.12	0.14	0.15	0.16	0.18	0.19	
12	0.11	0.13	0.14	0.16	0.17	0.18	0.19	
13	0.11	0.13	0.14	0.16	0.17	0.18	0.19	
14	0.11	0.12	0.14	0.15	0.16	0.18	0.19	
15	0.10	0.12	0.13	0.14	0.16	0.17	0.18	
16	0.09	0.11	0.12	0.13	0.14	0.15	0.16	
17	0.08	0.10	0.11	0.12	0.13	0.14	0.15	
18	0.07	0.08	0.09	0.10	0.11	0.12	0.13	
19	0.06	0.07	0.08	0.09	0.10	0.10	0.11	
20	0.05	0.06	0.07	0.07	0.08	0.08	0.09	
21	0.04	0.05	0.05	0.06	0.06	0.07	0.07	
22	0.03	0.04	0.04	0.05	0.05	0.05	0.06	
23	0.02	0.03	0.03	0.03	0.04	0.04	0.04	

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 6935.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN							
	1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
5	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
6	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
7	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01

8	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
9	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
10	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
11	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
12	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
13	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
14	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
15	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
16	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
17	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
18	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
19	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
20	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN							
	9	10	11	12	13	14	15	16
1	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01
2	0.00	0.01	0.01	0.01	0.01	0.01	0.02	0.02
3	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02
4	0.01	0.01	0.01	0.01	0.02	0.02	0.03	0.03
5	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.04
6	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.05
7	0.01	0.02	0.02	0.03	0.03	0.04	0.05	0.05
8	0.01	0.02	0.02	0.03	0.04	0.04	0.05	0.06
9	0.02	0.02	0.03	0.03	0.04	0.05	0.06	0.07
10	0.02	0.02	0.03	0.03	0.04	0.05	0.06	0.07
11	0.02	0.02	0.03	0.04	0.05	0.05	0.06	0.08
12	0.02	0.02	0.03	0.04	0.05	0.06	0.07	0.08
13	0.02	0.02	0.03	0.04	0.05	0.06	0.07	0.08
14	0.02	0.02	0.03	0.04	0.04	0.05	0.06	0.08
15	0.02	0.02	0.03	0.03	0.04	0.05	0.06	0.07
16	0.02	0.02	0.03	0.03	0.04	0.05	0.06	0.07
17	0.01	0.02	0.02	0.03	0.04	0.04	0.05	0.06
18	0.01	0.02	0.02	0.03	0.03	0.04	0.05	0.05
19	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.05
20	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.04
21	0.01	0.01	0.01	0.01	0.02	0.02	0.03	0.03
22	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02
23	0.00	0.01	0.01	0.01	0.01	0.01	0.02	0.02

J-ROW	I-COLUMN							
	17	18	19	20	21	22	23	24
1	0.02	0.02	0.02	0.02	0.03	0.03	0.03	
2	0.02	0.03	0.03	0.03	0.04	0.04	0.04	
3	0.03	0.03	0.04	0.04	0.05	0.05	0.05	
4	0.04	0.04	0.05	0.05	0.06	0.06	0.07	
5	0.04	0.05	0.06	0.06	0.07	0.08	0.08	
6	0.05	0.06	0.07	0.08	0.09	0.09	0.10	
7	0.06	0.07	0.08	0.09	0.10	0.11	0.12	
8	0.07	0.08	0.09	0.10	0.11	0.12	0.13	
9	0.08	0.09	0.10	0.11	0.12	0.14	0.15	
10	0.08	0.10	0.11	0.12	0.13	0.15	0.16	
11	0.09	0.10	0.12	0.13	0.14	0.15	0.17	
12	0.09	0.10	0.12	0.13	0.15	0.16	0.17	
13	0.09	0.10	0.12	0.13	0.15	0.16	0.17	
14	0.09	0.10	0.12	0.13	0.14	0.15	0.17	
15	0.08	0.10	0.11	0.12	0.13	0.15	0.16	
16	0.08	0.09	0.10	0.11	0.12	0.14	0.15	
17	0.07	0.08	0.09	0.10	0.11	0.12	0.13	
18	0.06	0.07	0.08	0.09	0.10	0.11	0.12	
19	0.05	0.06	0.07	0.08	0.08	0.09	0.10	

20	0.04	0.05	0.06	0.06	0.07	0.08	0.08
21	0.04	0.04	0.05	0.05	0.06	0.06	0.07
22	0.03	0.03	0.04	0.04	0.05	0.05	0.05
23	0.02	0.03	0.03	0.03	0.04	0.04	0.04

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 7300.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
6	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
7	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
8	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
9	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
10	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
11	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
12	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
13	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
14	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
15	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
16	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
17	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
18	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
19	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01
2	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.02
3	0.00	0.01	0.01	0.01	0.01	0.01	0.02	0.02
4	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.03
5	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03
6	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.04
7	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.04
8	0.01	0.01	0.02	0.02	0.03	0.04	0.04	0.05
9	0.01	0.02	0.02	0.03	0.03	0.04	0.05	0.06
10	0.01	0.02	0.02	0.03	0.03	0.04	0.05	0.06
11	0.01	0.02	0.02	0.03	0.04	0.04	0.05	0.06
12	0.01	0.02	0.02	0.03	0.04	0.04	0.05	0.06
13	0.01	0.02	0.02	0.03	0.04	0.04	0.05	0.06
14	0.01	0.02	0.02	0.03	0.04	0.04	0.05	0.06
15	0.01	0.02	0.02	0.03	0.03	0.04	0.05	0.06
16	0.01	0.02	0.02	0.03	0.03	0.04	0.05	0.06
17	0.01	0.01	0.02	0.02	0.03	0.04	0.04	0.05
18	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.04
19	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.04
20	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03
21	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.03
22	0.00	0.01	0.01	0.01	0.01	0.01	0.02	0.02
23	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.02

J-ROW I-COLUMN

	17	18	19	20	21	22	23	24
1	0.01	0.02	0.02	0.02	0.02	0.03	0.03	
2	0.02	0.02	0.03	0.03	0.03	0.04	0.04	
3	0.02	0.03	0.03	0.04	0.04	0.05	0.05	
4	0.03	0.04	0.04	0.05	0.05	0.06	0.06	
5	0.04	0.04	0.05	0.06	0.06	0.07	0.08	
6	0.04	0.05	0.06	0.07	0.07	0.08	0.09	
7	0.05	0.06	0.07	0.08	0.09	0.10	0.10	
8	0.06	0.07	0.08	0.09	0.10	0.11	0.12	
9	0.06	0.07	0.09	0.10	0.11	0.12	0.13	
10	0.07	0.08	0.09	0.10	0.12	0.13	0.14	
11	0.07	0.08	0.10	0.11	0.12	0.13	0.15	
12	0.07	0.09	0.10	0.11	0.12	0.14	0.15	
13	0.07	0.09	0.10	0.11	0.12	0.14	0.15	
14	0.07	0.08	0.10	0.11	0.12	0.13	0.15	
15	0.07	0.08	0.09	0.10	0.12	0.13	0.14	
16	0.06	0.07	0.09	0.10	0.11	0.12	0.13	
17	0.06	0.07	0.08	0.09	0.10	0.11	0.12	
18	0.05	0.06	0.07	0.08	0.09	0.10	0.10	
19	0.04	0.05	0.06	0.07	0.07	0.08	0.09	
20	0.04	0.04	0.05	0.06	0.06	0.07	0.08	
21	0.03	0.04	0.04	0.05	0.05	0.06	0.06	
22	0.02	0.03	0.03	0.04	0.04	0.05	0.05	
23	0.02	0.02	0.03	0.03	0.03	0.04	0.04	

MONITOR WELL COMPUTATION RESULTS:

TIME-CONCENTRATION TABLE

MONITOR WELL NUMBER: 1

TIME(DAYS)	CONCENTRATION(MG/L)
365.000	0.00
730.000	0.00
1095.000	0.03
1460.000	0.10
1825.000	0.19
2190.000	0.26
2555.000	0.30
2920.000	0.32
3285.000	0.31
3650.000	0.29
4015.000	0.26
4380.000	0.23
4745.000	0.20
5110.000	0.17
5475.000	0.14
5840.000	0.12
6205.000	0.10
6570.000	0.08
6935.000	0.07
7300.000	0.06

MONITOR WELL NUMBER: 2

TIME(DAYS)	CONCENTRATION(MG/L)
365.000	0.00
730.000	0.00
1095.000	0.00
1460.000	0.00
1825.000	0.01
2190.000	0.04
2555.000	0.09

2920.000	0.14
3285.000	0.19
3650.000	0.24
4015.000	0.26
4380.000	0.28
4745.000	0.28
5110.000	0.27
5475.000	0.26
5840.000	0.24
6205.000	0.22
6570.000	0.19
6935.000	0.17
7300.000	0.15

DATA BASE: PHOSPHORUS

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NUMBER OF SIMULATION PERIODS 20   STARTING DATE 1979, JAN.
DURATION OF PERIOD 1          365          FOR SOURCE #1
DURATION OF PERIOD 2          730   SOURCE #2 STARTS 1/84
DURATION OF PERIOD 3          1095
DURATION OF PERIOD 4          1460
DURATION OF PERIOD 5          1825
DURATION OF PERIOD 6          2190
DURATION OF PERIOD 7          2555
DURATION OF PERIOD 8          2920
DURATION OF PERIOD 9          3285
DURATION OF PERIOD 10         3650
DURATION OF PERIOD 11         4015
DURATION OF PERIOD 12         4380
DURATION OF PERIOD 13         4745
DURATION OF PERIOD 14         5110
DURATION OF PERIOD 15         5475
DURATION OF PERIOD 16         5840
DURATION OF PERIOD 17         6205
DURATION OF PERIOD 18         6570
DURATION OF PERIOD 19         6935
DURATION OF PERIOD 20         7300
NUMBER OF TIME PERIODS, COLUMNS AND ROWS 20                30
 14
GRID SIZE, X AND Y ORIGIN 100              1               1
ACTUAL AND EFFECTIVE POROSITY .2           .2
AQUIFER THICKNESS 25
SIMULATION PERIOD  1
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160               80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35           1
     INJECTION VOLUME AND CONC 2100000     3000
     TIME SINCE SOURCE BEGAN 365
SIMULATION PERIOD  2
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 50                2
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .55           1
     INJECTION VOLUME AND CONC 2100000     3000
     TIME SINCE SOURCE BEGAN 730
SIMULATION PERIOD  3
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160               80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35           2
     INJECTION VOLUME AND CONC 2100000     3000
     TIME SINCE SOURCE BEGAN 1095
     INJECTION VOLUME AND CONC 96000       163
     TIME SINCE SOURCE BEGAN 365
SIMULATION PERIOD  4
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160               80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35           2
     INJECTION VOLUME AND CONC 2100000     3000
     TIME SINCE SOURCE BEGAN 1460
     INJECTION VOLUME AND CONC 96000       163
     TIME SINCE SOURCE BEGAN 730
SIMULATION PERIOD  5
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160               80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35           2
     INJECTION VOLUME AND CONC 2100000     3000
     TIME SINCE SOURCE BEGAN 1825
     INJECTION VOLUME AND CONC 96000       163
     TIME SINCE SOURCE BEGAN 1095
SIMULATION PERIOD  6
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160               80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35           2
     INJECTION VOLUME AND CONC 2100000     3000
     TIME SINCE SOURCE BEGAN 2190
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     INJECTION VOLUME AND CONC 96000        163
     TIME SINCE SOURCE BEGAN 1460
SIMULATION PERIOD  7
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            2
     INJECTION VOLUME AND CONC 2100000      3000
     TIME SINCE SOURCE BEGAN 2555
     INJECTION VOLUME AND CONC 96000        163
     TIME SINCE SOURCE BEGAN 1825
SIMULATION PERIOD  8
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            2
     INJECTION VOLUME AND CONC 2100000      3000
     TIME SINCE SOURCE BEGAN 2920
     INJECTION VOLUME AND CONC 96000        163
     TIME SINCE SOURCE BEGAN 2190
SIMULATION PERIOD  9
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            2
     INJECTION VOLUME AND CONC 2100000      3000
     TIME SINCE SOURCE BEGAN 3285
     INJECTION VOLUME AND CONC 96000        163
     TIME SINCE SOURCE BEGAN 2555
SIMULATION PERIOD  10
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            2
     INJECTION VOLUME AND CONC 2100000      3000
     TIME SINCE SOURCE BEGAN 3650
     INJECTION VOLUME AND CONC 96000        163
     TIME SINCE SOURCE BEGAN 2920
SIMULATION PERIOD  11
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            2
     INJECTION VOLUME AND CONC 2100000      3000
     TIME SINCE SOURCE BEGAN 4015
     INJECTION VOLUME AND CONC 96000        163
     TIME SINCE SOURCE BEGAN 3285
SIMULATION PERIOD  12
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            2
     INJECTION VOLUME AND CONC 2100000      3000
     TIME SINCE SOURCE BEGAN 4380
     INJECTION VOLUME AND CONC 96000        163
     TIME SINCE SOURCE BEGAN 3650
SIMULATION PERIOD  13
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            2
     INJECTION VOLUME AND CONC 2100000      3000
     TIME SINCE SOURCE BEGAN 4745
     INJECTION VOLUME AND CONC 96000        163
     TIME SINCE SOURCE BEGAN 4015
SIMULATION PERIOD  14
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            2
     INJECTION VOLUME AND CONC 2100000      3000
     TIME SINCE SOURCE BEGAN 5110
     INJECTION VOLUME AND CONC 96000        163
     TIME SINCE SOURCE BEGAN 4380
SIMULATION PERIOD  15
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            2
     INJECTION VOLUME AND CONC 2100000      3000
     TIME SINCE SOURCE BEGAN 5475
     INJECTION VOLUME AND CONC 96000        163
     TIME SINCE SOURCE BEGAN 4745
SIMULATION PERIOD  16
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9	0.31	1.56	6.16	18.92	45.29	84.51	122.95	139.43
10	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN							
	9	10	11	12	13	14	15	16
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
7	139.60	96.20	51.68	21.64	7.06	1.80	0.36	0.06
8	2950.85	2033.46	1092.34	457.41	149.31	37.99	7.54	1.17
9	123.26	84.94	45.63	19.11	6.24	1.59	0.31	0.05
10	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN							
	17	18	19	20	21	22	23	24
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.14	0.01	0.00	0.00	0.00	0.00	0.00	0.00
9	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN					
	25	26	27	28	29	30
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 1095.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

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LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            2
     INJECTION VOLUME AND CONC 2100000      3000
     TIME SINCE SOURCE BEGAN 5840
     INJECTION VOLUME AND CONC 96000        163
     TIME SINCE SOURCE BEGAN 5110
SIMULATION PERIOD  17
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            2
     INJECTION VOLUME AND CONC 2100000      3000
     TIME SINCE SOURCE BEGAN 6205
     INJECTION VOLUME AND CONC 96000        163
     TIME SINCE SOURCE BEGAN 5475
SIMULATION PERIOD  18
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            2
     INJECTION VOLUME AND CONC 2100000      3000
     TIME SINCE SOURCE BEGAN 6570
     INJECTION VOLUME AND CONC 96000        163
     TIME SINCE SOURCE BEGAN 5840
SIMULATION PERIOD  19
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            2
     INJECTION VOLUME AND CONC 2100000      3000
     TIME SINCE SOURCE BEGAN 6935
     INJECTION VOLUME AND CONC 96000        163
     TIME SINCE SOURCE BEGAN 6205
SIMULATION PERIOD  20
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160                80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35            2
     INJECTION VOLUME AND CONC 2100000      3000
     TIME SINCE SOURCE BEGAN 7300
     INJECTION VOLUME AND CONC 96000        163
     TIME SINCE SOURCE BEGAN 6570
USING ADSORPTION OR RADIOACTIVE DECAY? 2   2
 2
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NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 365.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00
2	0.02	0.04	0.08	0.12	0.14	0.13	0.10	0.06
3	0.23	0.57	1.12	1.72	2.08	1.97	1.45	0.84
4	2.04	5.12	10.07	15.51	18.72	17.68	13.08	7.58
5	11.23	28.21	55.52	85.55	103.22	97.52	72.13	41.78
6	37.96	95.39	187.73	289.27	349.01	329.71	243.89	141.26
7	78.68	197.74	389.15	599.63	723.47	683.48	505.58	292.83
8	99.99	251.31	494.57	762.08	919.46	868.63	642.54	372.16
9	77.91	195.82	385.36	593.80	716.43	676.82	500.65	289.98
10	37.22	93.55	184.09	283.66	342.25	323.33	239.17	138.53
11	10.90	27.40	53.92	83.08	100.24	94.70	70.05	40.57
12	1.96	4.92	9.68	14.92	18.00	17.00	12.58	7.29
13	0.22	0.54	1.07	1.64	1.98	1.87	1.38	0.80
14	0.01	0.04	0.07	0.11	0.13	0.13	0.09	0.05

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00

3	0.38	0.14	0.04	0.01	0.00	0.00	0.00	0.00
4	3.44	1.22	0.34	0.07	0.01	0.00	0.00	0.00
5	18.95	6.73	1.87	0.41	0.07	0.01	0.00	0.00
6	64.06	22.75	6.33	1.38	0.23	0.03	0.00	0.00
7	132.80	47.16	13.11	2.85	0.49	0.06	0.01	0.00
8	168.78	59.93	16.66	3.63	0.62	0.08	0.01	0.00
9	131.51	46.70	12.98	2.83	0.48	0.06	0.01	0.00
10	62.82	22.31	6.20	1.35	0.23	0.03	0.00	0.00
11	18.40	6.53	1.82	0.40	0.07	0.01	0.00	0.00
12	3.30	1.17	0.33	0.07	0.01	0.00	0.00	0.00
13	0.36	0.13	0.04	0.01	0.00	0.00	0.00	0.00
14	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN							
	17	18	19	20	21	22	23	24
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN					
	25	26	27	28	29	30
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 730.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN							
	1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
7	0.35	1.77	6.98	21.43	51.29	95.72	139.25	157.92
8	7.41	37.43	147.46	452.88	1084.21	2023.36	2943.51	3338.00

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.86	1.44	2.23	3.17	4.16	5.03	5.60	5.75
2	2.49	4.16	6.42	9.14	11.98	14.48	16.13	16.56
3	6.09	10.19	15.73	22.38	29.34	35.46	39.49	40.54
4	12.66	21.21	32.73	46.57	61.06	73.77	82.16	84.33
5	22.39	37.51	57.93	82.42	108.05	130.51	145.28	149.07
6	33.66	56.44	87.20	124.11	162.65	196.33	218.38	223.93
7	42.99	72.15	111.56	158.82	208.08	250.99	278.93	285.80
8	46.60	78.24	121.02	172.31	225.73	272.19	302.37	309.71
9	42.85	71.91	111.19	158.29	207.39	250.16	278.02	284.87
10	33.44	56.07	86.63	123.29	161.58	195.05	216.95	222.47
11	22.17	37.15	57.36	81.62	106.99	129.23	143.86	147.61
12	12.50	20.93	32.31	45.97	60.26	72.82	81.09	83.24
13	5.99	10.03	15.48	22.02	28.87	34.88	38.85	39.89
14	2.44	4.08	6.30	8.96	11.75	14.20	15.82	16.24

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	5.44	4.74	3.81	2.82	1.93	1.21	0.70	0.38
2	15.67	13.67	10.99	8.14	5.56	3.50	2.03	1.09
3	38.36	33.46	26.90	19.93	13.61	8.57	4.97	2.66
4	79.79	69.59	55.94	41.44	28.30	17.81	10.33	5.53
5	141.00	122.95	98.83	73.22	50.00	31.47	18.26	9.76
6	211.72	184.57	148.34	109.90	75.05	47.24	27.41	14.65
7	270.08	235.39	189.16	140.13	95.69	60.23	34.94	18.68
8	292.61	254.99	204.90	151.79	103.65	65.24	37.85	20.24
9	269.20	234.62	188.54	139.68	95.38	60.04	34.83	18.62
10	210.34	183.37	147.38	109.19	74.56	46.93	27.23	14.56
11	139.63	121.76	97.87	72.51	49.52	31.17	18.08	9.67
12	78.76	68.68	55.21	40.91	27.94	17.58	10.20	5.45
13	37.74	32.92	26.46	19.61	13.39	8.43	4.89	2.61
14	15.37	13.40	10.77	7.98	5.45	3.43	1.99	1.06

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	0.19	0.08	0.04	0.01	0.00	0.00	0.00	0.00
2	0.53	0.24	0.10	0.04	0.01	0.00	0.00	0.00
3	1.31	0.59	0.25	0.10	0.03	0.01	0.00	0.00
4	2.72	1.24	0.52	0.20	0.07	0.02	0.01	0.00
5	4.81	2.19	0.92	0.35	0.13	0.04	0.01	0.00
6	7.22	3.28	1.37	0.53	0.19	0.06	0.02	0.01
7	9.21	4.18	1.75	0.68	0.24	0.08	0.02	0.01
8	9.97	4.53	1.90	0.73	0.26	0.09	0.03	0.01
9	9.18	4.17	1.75	0.67	0.24	0.08	0.02	0.01
10	7.18	3.26	1.36	0.53	0.19	0.06	0.02	0.01
11	4.77	2.16	0.91	0.35	0.12	0.04	0.01	0.00
12	2.69	1.22	0.51	0.20	0.07	0.02	0.01	0.00
13	1.29	0.59	0.25	0.09	0.03	0.01	0.00	0.00
14	0.52	0.24	0.10	0.04	0.01	0.00	0.00	0.00

J-ROW	I-COLUMN 25	26	27	28	29	30
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00

9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 1460.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	1.57	2.50	3.75	5.28	6.99	8.71	10.21	11.26
2	3.48	5.54	8.29	11.68	15.47	19.28	22.60	24.92
3	6.81	10.84	16.24	22.87	30.30	37.75	44.25	48.79
4	11.81	18.80	28.15	39.65	52.53	65.45	76.70	84.55
5	18.11	28.84	43.20	60.86	80.62	100.43	117.68	129.69
6	24.59	39.17	58.67	82.65	109.48	136.37	159.76	176.03
7	29.53	47.04	70.48	99.28	131.51	163.80	191.86	211.37
8	31.37	49.97	74.86	105.46	139.69	173.98	203.78	224.48
9	29.46	46.93	70.30	99.04	131.18	163.40	191.39	210.85
10	24.47	38.97	58.38	82.24	108.94	135.70	158.97	175.17
11	17.98	28.63	42.89	60.41	80.02	99.69	116.81	128.74
12	11.69	18.61	27.88	39.27	52.02	64.81	75.96	83.73
13	6.73	10.71	16.04	22.59	29.93	37.29	43.71	48.20
14	3.43	5.46	8.17	11.51	15.24	19.00	22.27	24.55

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	11.68	11.40	10.46	9.04	7.34	5.61	4.03	2.73
2	25.84	25.22	23.15	19.99	16.23	12.40	8.91	6.03
3	50.60	49.37	45.31	39.12	31.77	24.27	17.45	11.80
4	87.68	85.53	78.49	67.76	55.03	42.04	30.22	20.43
5	134.45	131.13	120.32	103.85	84.34	64.43	46.31	31.31
6	182.45	177.91	163.20	140.86	114.38	87.37	62.79	42.45
7	219.04	213.55	195.88	169.04	137.25	104.85	75.35	50.94
8	232.62	226.77	208.00	179.50	145.74	111.32	80.00	54.09
9	218.50	213.03	195.40	168.63	136.92	104.59	75.16	50.81
10	181.56	177.04	162.41	140.17	113.82	86.95	62.49	42.25
11	133.47	130.17	119.43	103.09	83.72	63.96	45.97	31.08
12	86.82	84.69	77.72	67.10	54.49	41.63	29.92	20.23
13	49.98	48.77	44.76	38.64	31.39	23.98	17.23	11.65
14	25.47	24.85	22.81	19.69	16.00	12.22	8.78	5.94

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	1.73	1.04	0.58	0.31	0.15	0.07	0.03	0.01
2	3.83	2.29	1.29	0.68	0.36	0.16	0.07	0.03
3	7.50	4.49	2.53	1.34	0.67	0.31	0.14	0.06
4	12.99	7.77	4.37	2.32	1.15	0.54	0.24	0.10
5	19.91	11.91	6.70	3.55	1.77	0.83	0.36	0.15
6	27.00	16.15	9.09	4.81	2.40	1.12	0.49	0.21
7	32.40	19.38	10.91	5.77	2.88	1.35	0.59	0.25
8	34.40	20.58	11.58	6.13	3.05	1.43	0.63	0.26
9	32.32	19.33	10.88	5.76	2.87	1.34	0.59	0.25
10	26.87	16.07	9.05	4.79	2.38	1.12	0.49	0.20
11	19.76	11.82	6.65	3.52	1.75	0.82	0.36	0.15
12	12.[illegible]	7.70	4.33	2.29	1.14	0.54	0.24	0.10
13	7.[illegible]	4.43	2.50	1.32	0.66	0.31	0.14	0.06
14	3.[illegible]	2.26	1.27	0.67	0.34	0.16	0.07	0.03

J-ROW	I-COLUMN 25	26	27	28	29	30
1	0.01	0.00	0.00	0.00	0.00	0.00
2	0.01	0.00	0.00	0.00	0.00	0.00
3	0.02	0.01	0.00	0.00	0.00	0.00
4	0.04	0.01	0.00	0.00	0.00	0.00
5	0.06	0.02	0.01	0.00	0.00	0.00
6	0.08	0.03	0.01	0.00	0.00	0.00
7	0.10	0.04	0.01	0.00	0.00	0.00
8	0.10	0.04	0.01	0.00	0.00	0.00
9	0.10	0.04	0.01	0.00	0.00	0.00
10	0.08	0.03	0.01	0.00	0.00	0.00
11	0.06	0.02	0.01	0.00	0.00	0.00
12	0.04	0.01	0.00	0.00	0.00	0.00
13	0.02	0.01	0.00	0.00	0.00	0.00
14	0.01	0.00	0.00	0.00	0.00	0.00

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 1825.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	1.98	3.06	4.49	6.29	8.39	10.65	12.87	14.81
2	3.74	5.77	8.48	11.88	15.84	20.10	24.30	27.96
3	6.40	9.88	14.53	20.34	27.12	34.42	41.61	47.88
4	9.94	15.35	22.57	31.60	42.12	53.46	64.61	74.35
5	13.99	21.61	31.78	44.50	59.32	75.29	90.98	104.69
6	17.87	27.60	40.58	56.82	75.74	96.13	116.16	133.66
7	20.68	31.94	46.98	65.77	87.68	111.28	134.46	154.70
8	21.70	33.52	49.29	69.02	92.00	116.76	141.09	162.32
9	20.64	31.88	46.88	65.64	87.51	111.06	134.20	154.40
10	17.80	27.49	40.42	56.60	75.44	95.75	115.71	133.13
11	13.91	21.49	31.59	44.24	58.97	74.84	90.45	104.08
12	9.86	15.23	22.39	31.35	41.79	53.04	64.11	73.77
13	6.34	9.79	14.39	20.14	26.85	34.09	41.20	47.42
14	3.69	5.70	8.39	11.74	15.65	19.87	24.01	27.64

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	16.23	16.94	16.84	15.94	14.37	12.33	10.08	7.84
2	30.65	31.99	31.79	30.08	27.11	23.27	19.02	14.80
3	52.47	54.76	54.42	51.50	46.41	39.82	32.54	25.33
4	81.47	85.01	84.47	79.93	72.02	61.80	50.51	39.30
5	114.71	119.68	118.91	112.50	101.37	86.98	71.07	55.31
6	146.43	152.77	151.77	143.58	129.36	110.99	90.69	70.57
7	169.48	176.80	175.63	166.15	149.68	128.42	104.93	81.65
8	177.82	185.50	184.27	174.32	157.04	134.74	110.09	85.66
9	169.15	176.45	175.29	165.82	149.39	128.17	104.73	81.49
10	145.86	152.17	151.17	143.02	128.85	110.56	90.34	70.29
11	114.03	118.98	118.21	111.84	100.77	86.47	70.66	54.98
12	80.84	84.35	83.81	79.31	71.46	61.32	50.11	39.00
13	51.96	54.23	53.89	50.99	45.95	39.44	32.23	25.08
14	30.29	31.61	31.42	29.73	26.80	23.00	18.79	14.63

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	5.81	4.10	2.76	1.76	1.08	0.62	0.34	0.18
2	10.97	7.74	5.20	3.33	2.03	1.18	0.65	0.34

3	18.77	13.25	8.90	5.70	3.47	2.01	1.11	0.59
4	29.13	20.56	13.81	8.84	5.39	3.13	1.73	0.91
5	40.98	28.92	19.44	12.44	7.58	4.40	2.43	1.28
6	52.29	36.90	24.80	15.87	9.67	5.61	3.10	1.63
7	60.50	42.70	28.69	18.36	11.19	6.49	3.59	1.89
8	63.48	44.79	30.10	19.26	11.74	6.81	3.76	1.98
9	60.39	42.61	28.64	18.33	11.17	6.48	3.58	1.88
10	52.09	36.76	24.70	15.81	9.63	5.59	3.09	1.63
11	40.74	28.75	19.32	12.37	7.54	4.37	2.42	1.27
12	28.90	20.39	13.71	8.77	5.35	3.10	1.71	0.90
13	18.59	13.12	8.82	5.64	3.44	2.00	1.10	0.58
14	10.84	7.65	5.14	3.29	2.01	1.16	0.64	0.34

J-ROW	I-COLUMN 25	26	27	28	29	30
1	0.09	0.04	0.02	0.01	0.00	0.00
2	0.17	0.08	0.04	0.02	0.01	0.00
3	0.29	0.14	0.06	0.03	0.01	0.00
4	0.46	0.22	0.10	0.04	0.02	0.01
5	0.64	0.31	0.14	0.06	0.02	0.01
6	0.82	0.39	0.18	0.08	0.03	0.01
7	0.95	0.45	0.21	0.09	0.04	0.01
8	0.99	0.47	0.22	0.09	0.04	0.02
9	0.94	0.45	0.20	0.09	0.04	0.01
10	0.81	0.39	0.18	0.08	0.03	0.01
11	0.64	0.30	0.14	0.06	0.02	0.01
12	0.45	0.22	0.10	0.04	0.02	0.01
13	0.29	0.14	0.06	0.03	0.01	0.00
14	0.17	0.08	0.04	0.02	0.01	0.00

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 2190.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	2.09	3.16	4.59	6.40	8.57	11.01	13.58	16.09
2	3.55	5.37	7.80	10.87	14.55	18.70	23.07	27.33
3	5.55	8.40	12.21	17.02	22.79	29.28	36.12	42.78
4	8.01	12.13	17.61	24.56	32.88	42.25	52.13	61.73
5	10.66	16.13	23.43	32.67	43.73	56.20	69.33	82.10
6	13.06	19.77	28.71	40.04	53.60	68.88	84.97	100.62
7	14.75	22.33	32.43	45.23	60.55	77.80	95.97	113.65
8	15.36	23.24	33.76	47.08	63.02	80.98	99.90	118.30
9	14.73	22.29	32.38	45.16	60.45	77.68	95.82	113.47
10	13.02	19.70	28.62	39.91	53.43	68.66	84.69	100.29
11	10.61	16.05	23.31	32.51	43.52	55.92	68.99	81.70
12	7.96	12.05	17.50	24.40	32.67	41.98	51.79	61.33
13	5.51	8.33	12.11	16.88	22.60	29.04	35.83	42.44
14	3.51	5.31	7.72	10.77	14.41	18.52	22.85	27.06

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	18.30	19.97	20.93	21.06	20.34	18.87	16.80	14.36
2	31.07	33.92	35.55	35.76	34.55	32.04	28.52	24.38
3	48.64	53.10	55.64	55.98	54.07	50.14	44.64	38.15
4	70.19	76.61	80.27	80.75	77.99	72.32	64.38	55.03
5	93.34	101.87	106.74	107.37	103.70	96.15	85.59	73.15
6	114.39	124.84	130.81	131.58	127.07	117.81	104.87	89.63
7	129.20	141.00	147.73	148.60	143.50	133.05	118.43	101.22
8	134.48	146.76	153.76	154.66	149.36	138.48	123.26	105.34

9	128.99	140.77	147.49	148.36	143.27	132.83	118.24	101.05
10	114.02	124.44	130.38	131.15	126.65	117.43	104.53	89.34
11	92.88	101.37	106.22	106.85	103.19	95.68	85.17	72.79
12	69.73	76.11	79.75	80.23	77.49	71.85	63.96	54.67
13	48.25	52.66	55.19	55.52	53.63	49.73	44.27	37.84
14	30.77	33.59	35.20	35.42	34.21	31.72	28.24	24.14

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	11.78	9.28	7.02	5.10	3.56	2.38	1.53	0.94
2	20.01	15.76	11.92	8.66	6.04	4.04	2.60	1.60
3	31.31	24.67	18.66	13.55	9.45	6.32	4.06	2.51
4	45.15	35.57	26.91	19.54	13.62	9.12	5.86	3.62
5	60.03	47.29	35.77	25.97	18.11	12.12	7.79	4.81
6	73.54	57.94	43.82	31.82	22.19	14.85	9.54	5.89
7	83.05	65.43	49.48	35.93	25.05	16.77	10.78	6.65
8	86.44	68.09	51.50	37.40	26.07	17.45	11.21	6.92
9	82.91	65.32	49.40	35.87	25.01	16.74	10.76	6.64
10	73.31	57.75	43.68	31.72	22.11	14.80	9.51	5.87
11	59.73	47.06	35.59	25.85	18.02	12.06	7.75	4.78
12	44.86	35.34	26.73	19.41	13.53	9.06	5.82	3.59
13	31.05	24.47	18.51	13.44	9.37	6.27	4.03	2.49
14	19.81	15.61	11.81	8.57	5.98	4.00	2.57	1.59

J-ROW	I-COLUMN 25	26	27	28	29	30
1	0.56	0.32	0.17	0.09	0.05	0.02
2	0.95	0.54	0.29	0.15	0.08	0.04
3	1.48	0.84	0.46	0.24	0.12	0.06
4	2.14	1.22	0.66	0.35	0.18	0.08
5	2.85	1.62	0.88	0.46	0.23	0.11
6	3.49	1.98	1.08	0.57	0.29	0.14
7	3.94	2.24	1.22	0.64	0.32	0.16
8	4.10	2.33	1.27	0.67	0.34	0.16
9	3.93	2.24	1.22	0.64	0.32	0.16
10	3.48	1.98	1.08	0.57	0.28	0.14
11	2.83	1.61	0.88	0.46	0.23	0.11
12	2.13	1.21	0.66	0.35	0.17	0.08
13	1.47	0.84	0.46	0.24	0.12	0.06
14	0.94	0.53	0.29	0.15	0.08	0.04

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 2555.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	2.00	2.98	4.30	5.98	8.02	10.40	13.02	15.74
2	3.15	4.70	6.77	9.41	12.63	16.38	20.51	24.79
3	4.63	6.90	9.94	13.82	18.55	24.05	30.11	36.40
4	6.34	9.45	13.61	18.92	25.41	32.94	41.23	49.85
5	8.09	12.07	17.37	24.16	32.44	42.05	52.65	63.64
6	9.63	14.36	20.68	28.76	38.62	50.06	62.67	75.76
7	10.69	15.94	22.96	31.92	42.86	55.57	69.56	84.09
8	11.06	16.50	23.76	33.04	44.36	57.51	71.99	87.02
9	10.68	15.92	22.93	31.88	42.80	55.49	69.47	83.97
10	9.60	14.32	20.63	28.68	38.51	49.92	62.50	75.55
11	8.06	12.01	17.30	24.06	32.30	41.88	52.42	63.37
12	6.30	9.40	13.53	18.82	25.26	32.75	41.00	49.57
13	4.60	6.85	9.87	13.72	18.42	23.89	29.90	36.15
14	3.13	4.66	6.71	9.33	12.53	16.24	20.34	24.58

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	18.38	20.72	22.55	23.71	24.06	23.58	22.32	20.40
2	28.94	32.62	35.51	37.32	37.88	37.13	35.14	32.12
3	42.49	47.90	52.14	54.80	55.62	54.51	51.59	47.15
4	58.18	65.58	71.38	75.02	76.14	74.62	70.63	64.55
5	74.28	83.72	91.12	95.77	97.20	95.26	90.15	82.39
6	88.43	99.67	108.47	114.00	115.70	113.39	107.31	98.07
7	98.15	110.62	120.39	126.53	128.41	125.84	119.09	108.84
8	101.57	114.48	124.60	130.94	132.89	130.23	123.25	112.63
9	98.01	110.47	120.23	126.35	128.23	125.67	118.93	108.69
10	88.18	99.39	108.17	113.68	115.37	113.07	107.01	97.79
11	73.97	83.37	90.74	95.37	96.79	94.86	89.78	82.05
12	57.86	65.21	70.98	74.60	75.72	74.21	70.23	64.19
13	42.20	47.56	51.77	54.42	55.23	54.13	51.23	46.83
14	28.70	32.35	35.21	37.01	37.57	36.82	34.85	31.85

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	18.01	15.35	12.64	10.04	7.71	5.71	4.09	2.83
2	28.35	24.17	19.89	15.81	12.13	8.99	6.44	4.45
3	41.62	35.47	29.20	23.20	17.81	13.20	9.45	6.53
4	56.97	48.55	39.96	31.76	24.38	18.07	12.93	8.94
5	72.72	61.97	51.01	40.54	31.11	23.06	16.51	11.41
6	86.55	73.76	60.71	48.25	37.03	27.44	19.64	13.58
7	96.05	81.86	67.37	53.54	41.09	30.46	21.80	15.07
8	99.40	84.71	69.72	55.41	42.53	31.52	22.56	15.59
9	95.92	81.75	67.28	53.47	41.04	30.42	21.77	15.05
10	86.31	73.55	60.54	48.11	36.93	27.37	19.59	13.54
11	72.41	61.71	50.79	40.37	30.98	22.96	16.44	11.36
12	56.65	48.28	39.74	31.58	24.24	17.97	12.86	8.89
13	41.33	35.22	28.99	23.04	17.69	13.11	9.38	6.49
14	28.11	23.96	19.72	15.68	12.03	8.92	6.38	4.41

J-ROW	I-COLUMN 25	26	27	28	29	30
1	1.89	1.22	0.76	0.45	0.26	0.15
2	2.97	1.91	1.19	0.72	0.42	0.23
3	4.36	2.81	1.75	1.05	0.61	0.34
4	5.97	3.85	2.39	1.44	0.83	0.47
5	7.61	4.91	3.05	1.84	1.07	0.60
6	9.06	5.84	3.64	2.18	1.27	0.71
7	10.06	6.48	4.03	2.42	1.41	0.79
8	10.41	6.71	4.17	2.51	1.46	0.82
9	10.04	6.47	4.03	2.42	1.41	0.79
10	9.04	5.82	3.62	2.18	1.26	0.71
11	7.58	4.89	3.04	1.83	1.06	0.59
12	5.93	3.82	2.38	1.43	0.83	0.47
13	4.33	2.79	1.74	1.04	0.61	0.34
14	2.94	1.90	1.18	0.71	0.41	0.23

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 2920.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	1.81	2.67	3.82	5.30	7.14	9.31	11.79	14.47
2	2.69	3.98	5.69	7.89	10.62	13.86	17.54	21.53

3	3.77	5.56	7.96	11.04	14.86	19.39	24.55	30.13
4	4.96	7.32	10.48	14.54	19.56	25.53	32.32	39.67
5	6.15	9.07	12.97	18.00	24.23	31.62	40.02	49.12
6	7.16	10.56	15.11	20.97	28.22	36.82	46.61	57.21
7	7.85	11.57	16.56	22.97	30.91	40.34	51.06	62.68
8	8.08	11.93	17.06	23.67	31.85	41.57	52.62	64.59
9	7.84	11.56	16.54	22.94	30.87	40.29	51.00	62.60
10	7.14	10.54	15.08	20.92	28.15	36.73	46.49	57.07
11	6.13	9.04	12.93	17.94	24.14	31.50	39.87	48.94
12	4.94	7.29	10.43	14.47	19.47	25.41	32.16	39.48
13	3.75	5.53	7.91	10.98	14.77	19.28	24.40	29.95
14	2.68	3.95	5.65	7.83	10.54	13.76	17.41	21.37

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	17.23	19.90	22.28	24.21	25.50	26.06	25.82	24.82
2	25.64	29.60	33.15	36.01	37.94	38.76	38.41	36.92
3	35.88	41.43	46.39	50.39	53.08	54.24	53.75	51.66
4	47.23	54.53	61.07	66.33	69.88	71.39	70.74	67.99
5	58.48	67.53	75.62	82.13	86.52	88.39	87.59	84.18
6	68.12	78.65	88.07	95.66	100.76	102.95	102.01	98.03
7	74.62	86.16	96.49	104.79	110.39	112.78	111.75	107.39
8	76.90	88.79	99.43	107.99	113.75	116.21	115.15	110.66
9	74.53	86.06	96.37	104.67	110.25	112.64	111.61	107.26
10	67.95	78.46	87.86	95.42	100.52	102.69	101.76	97.79
11	58.27	67.28	75.34	81.83	86.20	88.07	87.27	83.87
12	47.00	54.27	60.77	66.01	69.53	71.04	70.40	67.66
13	35.66	41.17	46.11	50.08	52.76	53.91	53.42	51.34
14	25.45	29.39	32.91	35.75	37.66	38.48	38.13	36.65

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	23.14	20.92	18.34	15.60	12.87	10.30	7.99	6.01
2	34.41	31.11	27.28	23.21	19.14	15.32	11.89	8.95
3	48.15	43.53	38.17	32.47	26.78	21.43	16.63	12.51
4	63.38	57.30	50.24	42.73	35.25	28.20	21.88	16.47
5	78.47	70.94	62.20	52.90	43.64	34.91	27.09	20.39
6	91.38	82.61	72.44	61.61	50.82	40.66	31.55	23.74
7	100.10	90.50	79.35	67.49	55.67	44.54	34.56	26.01
8	103.15	93.25	81.77	69.54	57.36	45.89	35.61	26.80
9	99.98	90.39	79.26	67.40	55.60	44.48	34.52	25.98
10	91.16	82.41	72.26	61.46	50.69	40.56	31.47	23.69
11	78.18	70.68	61.98	52.71	43.48	34.78	26.99	20.31
12	63.07	57.02	50.00	42.52	35.08	28.06	21.78	16.39
13	47.86	43.27	37.94	32.27	26.62	21.30	16.53	12.44
14	34.16	30.89	27.08	23.04	19.00	15.20	11.80	8.88

J-ROW	I-COLUMN 25	26	27	28	29	30
1	4.39	3.11	2.13	1.42	0.92	0.58
2	6.53	4.62	3.17	2.11	1.37	0.86
3	9.14	6.47	4.44	2.96	1.91	1.20
4	12.02	8.51	5.85	3.89	2.51	1.58
5	14.88	10.54	7.24	4.82	3.11	1.95
6	17.33	12.27	8.43	5.61	3.63	2.27
7	18.99	13.44	9.23	6.15	3.97	2.49
8	19.56	13.85	9.51	6.33	4.09	2.56
9	18.96	13.43	9.22	6.14	3.97	2.48
10	17.29	12.24	8.41	5.60	3.62	2.27
11	14.83	10.50	7.21	4.80	3.10	1.94
12	11.96	8.47	5.82	3.87	2.50	1.57
13	9.08	6.43	4.41	2.94	1.90	1.19
14	6.48	4.59	3.15	2.10	1.36	0.85

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: [illegible]00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	1.58	2.31	3.29	4.56	[illegible].15	8.06	10.29	12.79
2	2.25	3.29	4.69	6.49	[illegible].75	11.48	14.65	18.20
3	3.03	4.44	6.32	8.75	[illegible]1.80	15.47	19.75	24.54
4	3.87	5.67	8.0[illegible]	11.17	15.06	19.[illegible]6	25.22	31.33
5	4.68	6.85	9.75	13.51	18.21	2[illegible]	30.50	37.89
6	5.36	7.85	11.17	15.47	20.85	2[illegible]	34.92	43.39
7	5.82	8.51	12.11	16.78	22.[illegible]2	29.[illegible]	37.87	47.05
8	5.97	8.74	12.44	17.23	23.[illegible]	30.47	38.90	48.32
9	5.81	8.50	12.10	16.76	22.[illegible]	29.64	37.83	47.00
10	5.35	7.83	11.14	15.44	20.81	27.30	34.85	43.29
11	4.67	6.83	9.72	13.47	18.15	23.81	30.40	37.76
12	3.[illegible]	5.64	8.03	11.12	15.00	19.6[illegible]	25.11	31.20
13	3.[illegible]	4.41	6.28	8.70	11.73	15.3[illegible]	19.65	24.41
14	2.[illegible]	3.27	4.66	6.45	8.69	11.40	14.56	18.09

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	15.[illegible]	18.19	20.83	23.21	25.1[illegible]	26.56	27.28	27.27
2	22.[illegible]	25.89	29.65	33.04	35.83	37.81	38.83	38.81
3	29.[illegible]	34.91	39.97	44.54	48.30	50.97	52.34	52.31
4	37.88	44.57	51.03	56.86	61.66	65.07	66.82	66.78
5	45.81	53.89	61.70	68.75	74.55	78.67	80.79	80.75
6	52.45	61.71	70.66	78.73	85.37	90.09	92.51	92.46
7	56.88	66.93	76.63	85.38	92.58	97.69	100.33	100.27
8	58.42	68.73	78.70	87.69	95.08	100.33	103.04	102.97
9	56.82	66.85	76.54	85.29	92.48	97.59	100.22	100.16
10	52.34	61.58	70.50	78.56	85.18	89.89	92.31	92.26
11	45.66	53.72	61.50	68.53	74.31	78.42	80.53	80.48
12	37.72	44.38	50.81	56.61	61.39	64.78	66.53	66.49
13	29.51	34.72	39.75	44.30	48.03	50.69	52.06	52.03
14	21.87	25.73	29.46	32.82	35.59	37.56	38.58	38.56

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	26.52	25.10	23.1[illegible]	20.73	18.09	15.36	12.69	10.21
2	37.75	35.73	32.92	29.51	25.75	21.86	18.07	14.53
3	50.88	48.16	44.37	39.78	34.70	29.47	24.35	19.58
4	64.96	61.49	56.64	50.78	44.30	37.62	31.08	25.00
5	78.54	74.34	68.48	61.39	53.56	45.48	37.58	30.22
6	89.93	85.12	78.41	70.29	61.33	52.07	43.03	34.60
7	97.52	92.31	85.03	76.23	66.50	56.47	46.66	37.52
8	100.15	94.80	87.33	78.29	68.30	57.99	47.92	38.54
9	97.41	92.21	84.94	76.14	66.43	56.41	46.61	37.48
10	89.73	84.94	78.24	70.14	61.20	51.96	42.93	34.53
11	78.28	74.10	68.26	61.19	53.39	45.33	37.46	30.12
12	64.68	61.22	56.39	50.56	44.11	37.45	30.95	24.89
13	50.61	47.90	44.13	39.56	34.52	29.31	24.22	19.48
14	37.50	35.50	32.[illegible]	29.32	25.58	21.72	17.95	14.43

J-ROW	I-COLUMN 25	26	27	28	29	30
1	7.99	[illegible]09	4.51	3.25	2.28	1.56
2	11.37	[illegible]	6.47	4.63	3.25	2.22

3	15.33	11.67	8.65	6.24	4.38	2.99
4	19.56	14.90	11.05	7.97	5.59	3.82
5	23.65	18.01	13.35	9.63	6.76	4.62
6	27.08	20.63	15.29	11.03	7.74	5.29
7	29.37	22.37	16.58	11.96	8.40	5.74
8	30.16	22.97	17.03	12.28	8.62	5.89
9	29.33	22.34	16.56	11.95	8.39	5.73
10	27.02	20.58	15.26	11.01	7.73	5.28
11	23.57	17.96	13.31	9.60	6.74	4.61
12	19.48	14.84	11.00	7.93	5.57	3.81
13	15.24	11.61	8.61	6.21	4.36	2.98
14	11.30	8.60	6.38	4.60	3.23	2.21

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 3650.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	1.35	1.96	2.78	3.84	5.18	6.83	8.77	11.01
2	1.85	2.69	3.81	5.28	7.12	9.38	12.06	15.12
3	2.42	3.52	4.99	6.90	9.32	12.27	15.78	19.79
4	3.02	4.39	6.22	8.60	11.61	15.29	19.66	24.65
5	3.58	5.20	7.38	10.20	13.77	18.14	23.32	29.25
6	4.05	5.88	8.33	11.53	15.56	20.49	26.34	33.04
7	4.35	6.32	8.96	12.40	16.74	22.05	28.34	35.54
8	4.46	6.48	9.18	12.70	17.14	22.58	29.03	36.41
9	4.35	6.32	8.95	12.39	16.72	22.03	28.31	35.51
10	4.04	5.87	8.32	11.50	15.53	20.45	26.29	32.98
11	3.57	5.19	7.35	10.17	13.73	18.09	23.25	29.16
12	3.01	4.37	6.19	8.57	11.56	15.23	19.58	24.56
13	2.41	3.50	4.97	6.87	9.27	12.21	15.70	19.69
14	1.84	2.67	3.79	5.24	7.08	9.32	11.99	15.03

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	13.47	16.09	18.75	21.33	23.67	25.63	27.09	27.93
2	18.51	22.11	25.76	29.30	32.52	35.22	37.22	38.38
3	24.22	28.92	33.71	38.34	42.55	46.08	48.69	50.21
4	30.17	36.04	42.00	47.76	53.01	57.40	60.66	62.56
5	35.80	42.75	49.83	56.67	62.89	68.10	71.97	74.21
6	40.44	48.30	56.29	64.01	71.04	76.93	81.30	83.84
7	43.50	51.95	60.55	68.86	76.42	82.75	87.45	90.18
8	44.56	53.22	62.02	70.53	78.27	84.76	89.57	92.37
9	43.46	51.90	60.49	68.79	76.34	82.67	87.37	90.09
10	40.36	48.20	56.18	63.89	70.90	76.78	81.14	83.67
11	35.69	42.63	49.68	56.50	62.70	67.90	71.76	74.00
12	30.06	35.90	41.84	47.58	52.80	57.18	60.43	62.31
13	24.10	28.78	33.55	38.15	42.34	45.85	48.45	49.97
14	18.40	21.98	25.61	29.13	32.33	35.01	37.00	38.15

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	28.11	27.61	26.45	24.74	22.57	20.10	17.47	14.81
2	38.62	37.93	36.35	33.99	31.01	27.62	24.00	20.35
3	50.53	49.62	47.55	44.46	40.58	36.13	31.40	26.62
4	62.95	61.82	59.24	55.39	50.55	45.01	39.11	33.17
5	74.68	73.33	70.27	65.71	59.96	53.40	46.40	39.34
6	84.36	82.84	79.38	74.23	67.74	60.32	52.41	44.44
7	90.75	89.11	85.39	79.85	72.86	64.88	56.38	47.80
8	92.95	91.27	87.46	81.78	74.63	66.45	57.74	48.97

9	90.66	89.02	85.31	79.77	72.79	64.82	56.32	47.76
10	84.20	82.68	79.23	74.09	67.60	60.20	52.31	44.36
11	74.46	73.12	70.07	65.52	59.79	53.24	46.26	39.23
12	62.71	61.58	59.01	55.18	50.35	44.84	38.96	33.04
13	50.28	49.38	47.32	44.25	40.38	35.95	31.24	26.49
14	38.40	37.71	36.13	33.79	30.83	27.46	23.86	20.23

J-ROW	I-COLUMN 25	26	27	28	29	30
1	12.26	9.90	7.80	6.00	4.50	3.30
2	16.84	13.60	10.72	8.24	6.18	4.53
3	22.03	17.79	14.02	10.78	8.09	5.92
4	27.45	22.16	17.46	13.43	10.08	7.38
5	32.56	26.29	20.72	15.93	11.95	8.75
6	36.78	29.70	23.40	17.99	13.50	9.89
7	39.56	31.94	25.17	19.35	14.52	10.64
8	40.52	32.72	25.78	19.82	14.88	10.89
9	39.52	31.91	25.15	19.34	14.51	10.62
10	36.70	29.64	23.35	17.96	13.48	9.87
11	32.46	26.21	20.66	15.88	11.92	8.73
12	27.34	22.08	17.40	13.38	10.04	7.35
13	21.92	17.70	13.95	10.73	8.05	5.89
14	16.74	13.52	10.65	8.19	6.15	4.50

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 4015.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	1.13	1.63	2.31	3.19	4.31	5.69	7.36	9.30
2	1.51	2.18	3.08	4.25	5.75	7.60	9.82	12.42
3	1.93	2.78	3.93	5.43	7.34	9.70	12.54	15.85
4	2.35	3.40	4.80	6.63	8.97	11.85	15.32	19.36
5	2.75	3.97	5.61	7.75	10.47	13.84	17.89	22.62
6	3.07	4.43	6.27	8.66	11.70	15.46	19.99	25.27
7	3.28	4.74	6.70	9.25	12.50	16.52	21.36	27.00
8	3.35	4.84	6.84	9.46	12.78	16.89	21.83	27.60
9	3.28	4.73	6.69	9.24	12.49	16.51	21.34	26.98
10	3.06	4.43	6.25	8.64	11.68	15.44	19.95	25.22
11	2.74	3.96	5.59	7.73	10.44	13.80	17.84	22.56
12	2.34	3.39	4.78	6.61	8.93	11.81	15.26	19.29
13	1.92	2.77	3.91	5.41	7.31	9.66	12.49	15.78
14	1.50	2.17	3.06	4.23	5.72	7.56	9.77	12.35

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	11.50	13.90	16.44	19.01	21.51	23.79	25.73	27.23
2	15.35	18.56	21.95	25.38	28.71	31.75	34.35	36.34
3	19.60	23.70	28.02	32.41	36.65	40.54	43.86	46.40
4	23.94	28.94	34.22	39.58	44.76	49.51	53.56	56.67
5	27.96	33.81	39.97	46.23	52.28	57.83	62.56	66.19
6	31.24	37.77	44.66	51.65	58.41	64.61	69.89	73.95
7	33.38	40.36	47.72	55.19	62.42	69.04	74.69	79.02
8	34.12	41.25	48.77	56.40	63.79	70.56	76.33	80.76
9	33.35	40.32	47.68	55.14	62.36	68.98	74.62	78.94
10	31.18	37.70	44.58	51.55	58.31	64.49	69.77	73.81
11	27.88	33.72	39.87	46.10	52.14	57.68	62.39	66.01
12	23.85	28.84	34.10	39.44	44.60	49.34	53.37	56.46
13	19.51	23.59	27.90	32.26	36.49	40.36	43.66	46.20
14	15.27	18.46	21.83	25.25	28.55	31.58	34.17	36.15

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	28.17	28.51	28.22	27.31	25.86	23.94	21.68	19.20
2	37.61	38.06	37.67	36.46	34.51	31.95	28.93	25.62
3	48.01	48.59	48.09	46.55	44.06	40.80	36.94	32.71
4	58.63	59.33	58.72	56.84	53.81	49.82	45.11	39.95
5	68.49	69.30	68.59	66.39	62.85	58.19	52.69	46.66
6	76.51	77.43	76.63	74.17	70.21	65.00	58.86	52.12
7	81.76	82.73	81.88	79.25	75.03	69.46	62.89	55.70
8	83.56	84.56	83.69	81.00	76.68	70.99	64.28	56.92
9	81.68	82.66	81.81	79.18	74.96	69.40	62.84	55.65
10	76.38	77.29	76.49	74.04	70.09	64.89	58.75	52.03
11	68.30	69.12	68.41	66.21	62.68	58.03	52.55	46.53
12	58.43	59.12	58.51	56.64	53.62	49.64	44.95	39.81
13	47.80	48.37	47.87	46.34	43.87	40.62	36.78	32.57
14	37.41	37.85	37.46	36.26	34.33	31.78	28.78	25.49

J-ROW	I-COLUMN 25	26	27	28	29	30
1	16.63	14.09	11.67	9.45	7.49	5.81
2	22.19	18.80	15.57	12.62	10.00	7.75
3	28.33	24.00	19.88	16.11	12.77	9.89
4	34.60	29.31	24.28	19.67	15.59	12.08
5	40.41	34.23	28.36	22.98	18.21	14.11
6	45.14	38.24	31.68	25.67	20.34	15.76
7	48.24	40.86	33.85	27.43	21.73	16.84
8	49.30	41.76	34.60	28.03	22.21	17.21
9	48.20	40.82	33.82	27.40	21.71	16.83
10	45.06	38.17	31.62	25.62	20.30	15.73
11	40.30	34.14	28.28	22.91	18.16	14.07
12	34.48	29.20	24.19	19.60	15.53	12.04
13	28.21	23.89	19.79	16.04	12.71	9.85
14	22.08	18.70	15.49	12.55	9.95	7.71

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 4380.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.94	1.35	1.90	2.62	3.54	4.70	6.10	7.76
2	1.22	1.76	2.47	3.41	4.62	6.12	7.95	10.11
3	1.53	2.20	3.09	4.27	5.78	7.66	9.94	12.65
4	1.83	2.64	3.72	5.13	6.94	9.20	11.94	15.20
5	2.11	3.04	4.28	5.92	8.00	10.60	13.77	17.52
6	2.34	3.37	4.74	6.55	8.86	11.74	15.24	19.40
7	2.49	3.58	5.04	6.96	9.41	12.47	16.20	20.61
8	2.54	3.65	5.14	7.10	9.60	12.73	16.53	21.03
9	2.49	3.57	5.04	6.95	9.40	12.46	16.19	20.60
10	2.34	3.36	4.73	6.54	8.84	11.72	15.22	19.36
11	2.11	3.03	4.27	5.90	7.98	10.58	13.74	17.48
12	1.83	2.63	3.70	5.11	6.92	9.17	11.90	15.15
13	1.52	2.19	3.08	4.25	5.75	7.63	9.90	12.60
14	1.21	1.75	2.46	3.40	4.60	6.09	7.91	10.06

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	9.68	11.82	14.15	16.59	19.06	21.46	23.67	25.59
2	12.61	15.40	18.43	21.62	24.84	27.95	30.85	33.34

3	15.77	19.27	23.06	27.04	31.07	34.98	38.59	41.71
4	18.95	23.14	27.70	32.48	37.32	42.02	46.35	50.09
5	21.84	26.68	31.94	37.45	43.03	48.45	53.44	57.76
6	24.18	29.54	35.35	41.46	47.63	53.63	59.15	63.93
7	25.70	31.39	37.57	44.05	50.62	56.99	62.86	67.94
8	26.22	32.02	38.33	44.94	51.64	58.14	64.13	69.31
9	25.68	31.36	37.54	44.02	50.58	56.94	62.81	67.88
10	24.14	29.49	35.29	41.39	47.56	53.54	59.06	63.83
11	21.79	26.62	31.86	37.36	42.93	48.33	53.31	57.62
12	18.88	23.07	27.61	32.37	37.20	41.88	46.20	49.93
13	15.71	19.19	22.97	26.93	30.95	34.84	38.43	41.54
14	12.55	15.33	18.34	21.51	24.72	27.83	30.70	33.18

J-ROW	I-COLUMN							
	17	18	19	20	21	22	23	24
1	27.10	28.12	28.59	28.48	27.80	26.58	24.91	22.87
2	35.31	36.64	37.25	37.11	36.22	34.64	32.46	29.81
3	44.17	45.83	46.60	46.42	45.31	43.33	40.61	37.29
4	53.05	55.05	55.96	55.75	54.42	52.04	48.77	44.78
5	61.17	63.47	64.53	64.28	62.74	60.00	56.23	51.63
6	67.71	70.25	71.43	71.15	69.45	66.42	62.24	57.15
7	71.95	74.66	75.90	75.61	73.80	70.58	66.14	60.73
8	73.40	76.16	77.43	77.14	75.29	72.01	67.47	61.95
9	71.89	74.59	75.84	75.55	73.74	70.52	66.09	60.68
10	67.60	70.14	71.31	71.04	69.34	66.31	62.14	57.05
11	61.02	63.31	64.37	64.12	62.59	59.86	56.09	51.50
12	52.88	54.87	55.78	55.57	54.24	51.87	48.61	44.63
13	43.99	45.65	46.41	46.23	45.13	43.16	40.44	37.13
14	35.14	36.46	37.07	36.93	36.04	34.47	32.30	29.66

J-ROW	I-COLUMN					
	25	26	27	28	29	30
1	20.58	18.14	15.67	13.26	11.00	8.94
2	26.82	23.64	20.42	17.28	14.33	11.64
3	33.54	29.57	25.54	21.62	17.92	14.56
4	40.29	35.51	30.67	25.96	21.53	17.49
5	46.45	40.94	35.36	29.93	24.82	20.16
6	51.41	45.32	39.14	33.13	27.47	22.32
7	54.63	48.16	41.60	35.20	29.19	23.72
8	55.74	49.13	42.44	35.91	29.78	24.20
9	54.59	48.12	41.56	35.17	29.17	23.70
10	51.33	45.25	39.08	33.07	27.43	22.28
11	46.33	40.84	35.28	29.86	24.76	20.12
12	40.15	35.40	30.57	25.87	21.46	17.43
13	33.41	29.45	25.44	21.53	17.85	14.50
14	26.68	23.52	20.32	17.19	14.26	11.59

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 4745.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN							
	1	2	3	4	5	6	7	8
1	0.77	1.10	1.55	2.14	2.90	3.85	5.01	6.42
2	0.98	1.41	1.98	2.73	3.70	4.91	6.40	8.19
3	1.21	1.73	2.43	3.36	4.55	6.04	7.87	10.07
4	1.43	2.05	2.88	3.98	5.38	7.15	9.32	11.93
5	1.63	2.34	3.29	4.54	6.14	8.16	10.63	13.60
6	1.79	2.57	3.61	4.98	6.74	8.96	11.68	14.94
7	1.90	2.72	3.82	5.27	7.13	9.48	12.35	15.80
8	1.93	2.77	3.89	5.37	7.27	9.65	12.58	16.10

9	1.90	2.71	3.82	5.26	7.13	9.47	12.34	15.79
10	1.79	2.56	3.61	4.97	6.73	8.94	11.66	14.92
11	1.63	2.33	3.28	4.52	6.13	8.14	10.61	13.57
12	1.43	2.04	2.87	3.96	5.37	7.13	9.30	11.89
13	1.20	1.73	2.42	3.35	4.53	6.02	7.84	10.04
14	0.98	1.40	1.97	2.72	3.68	4.89	6.37	8.15

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	8.06	9.93	12.00	14.24	16.58	18.95	21.25	23.39
2	10.29	12.67	15.32	18.18	21.17	24.20	27.14	29.86
3	12.65	15.58	18.84	22.36	26.04	29.75	33.37	36.72
4	14.98	18.45	22.31	26.48	30.83	35.23	39.51	43.49
5	17.08	21.05	25.45	30.20	35.16	40.18	45.06	49.59
6	18.76	23.12	27.95	33.17	38.62	44.13	49.49	54.47
7	19.84	24.45	29.56	35.08	40.85	46.68	52.35	57.61
8	20.21	24.91	30.11	35.73	41.61	47.55	53.32	58.68
9	19.83	24.43	29.54	35.05	40.82	46.65	52.31	57.57
10	18.73	23.08	27.91	33.12	38.56	44.07	49.42	54.39
11	17.04	21.00	25.39	30.13	35.08	40.09	44.96	49.48
12	14.93	18.40	22.25	26.40	30.74	35.13	39.39	43.35
13	12.60	15.53	18.77	22.28	25.94	29.64	33.24	36.58
14	10.24	12.62	15.25	18.10	21.08	24.09	27.01	29.73

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	25.26	26.77	27.85	28.42	28.47	27.99	27.00	25.56
2	32.25	34.18	35.56	36.29	36.35	35.74	34.48	32.64
3	39.66	42.03	43.72	44.63	44.70	43.94	42.39	40.13
4	46.96	49.78	51.77	52.84	52.93	52.04	50.20	47.52
5	53.56	56.77	59.04	60.27	60.37	59.34	57.25	54.20
6	58.82	62.35	64.85	66.19	66.30	65.17	62.87	59.52
7	62.22	65.94	68.59	70.01	70.13	68.94	66.50	62.96
8	63.38	67.17	69.87	71.31	71.43	70.22	67.74	64.13
9	62.17	65.89	68.54	69.96	70.07	68.88	66.45	62.91
10	58.74	62.25	64.75	66.09	66.20	65.08	62.78	59.43
11	53.44	56.64	58.91	60.13	60.23	59.21	57.12	54.07
12	46.82	49.63	51.62	52.69	52.78	51.88	50.05	47.38
13	39.51	41.88	43.56	44.46	44.53	43.78	42.23	39.98
14	32.11	34.03	35.39	36.13	36.19	35.58	34.32	32.49

J-ROW	I-COLUMN 25	26	27	28	29	30
1	23.75	21.66	19.38	17.01	14.66	12.40
2	30.32	27.65	24.74	21.72	18.72	15.83
3	37.29	34.00	30.42	26.71	23.02	19.46
4	44.15	40.26	36.02	31.63	27.25	23.05
5	50.35	45.91	41.08	36.07	31.08	26.28
6	55.30	50.42	45.11	39.61	34.14	28.87
7	58.49	53.33	47.72	41.90	36.10	30.53
8	59.58	54.32	48.60	42.68	36.78	31.10
9	58.45	53.29	47.68	41.87	36.08	30.51
10	55.22	50.34	45.05	39.55	34.08	28.82
11	50.24	45.80	40.98	35.99	31.01	26.22
12	44.02	40.13	35.91	31.53	27.17	22.98
13	37.15	33.87	30.30	26.61	22.93	19.39
14	30.19	27.52	24.63	21.62	18.63	15.76

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 5110.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.63	0.90	1.26	1.74	2.35	3.13	4.10	5.27
2	0.79	1.13	1.58	2.18	2.95	3.93	5.14	6.61
3	0.96	1.37	1.92	2.64	3.58	4.76	6.23	8.01
4	1.12	1.60	2.24	3.09	4.19	5.57	7.29	9.37
5	1.26	1.80	2.53	3.49	4.73	6.30	8.23	10.59
6	1.38	1.97	2.76	3.81	5.16	6.87	8.98	11.55
7	1.45	2.07	2.91	4.01	5.43	7.24	9.46	12.17
8	1.48	2.11	2.96	4.08	5.53	7.36	9.63	12.38
9	1.45	2.07	2.91	4.01	5.43	7.23	9.46	12.16
10	1.38	1.97	2.76	3.80	5.15	6.86	8.97	11.53
11	1.26	1.80	2.53	3.48	4.72	6.28	8.22	10.56
12	1.12	1.59	2.23	3.08	4.17	5.56	7.27	9.34
13	0.95	1.36	1.91	2.63	3.56	4.75	6.21	7.98
14	0.79	1.12	1.57	2.17	2.94	3.91	5.12	6.58

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	6.65	8.26	10.08	12.08	14.22	16.46	18.73	20.93
2	8.35	10.36	12.64	15.15	17.85	20.66	23.50	26.26
3	10.12	12.56	15.32	18.36	21.63	25.03	28.47	31.82
4	11.84	14.69	17.92	21.48	25.30	29.29	33.31	37.23
5	13.37	16.60	20.25	24.27	28.59	33.09	37.63	42.06
6	14.59	18.11	22.09	26.48	31.19	36.10	41.06	45.89
7	15.37	19.08	23.27	27.89	32.85	38.03	43.25	48.34
8	15.63	19.41	23.67	28.37	33.42	38.68	44.00	49.18
9	15.36	19.06	23.25	27.87	32.83	38.00	43.22	48.31
10	14.57	18.08	22.06	26.44	31.14	36.05	41.00	45.83
11	13.34	16.56	20.20	24.22	28.53	33.02	37.55	41.97
12	11.80	14.65	17.87	21.42	25.23	29.20	33.22	37.13
13	10.08	12.51	15.26	18.30	21.55	24.94	28.37	31.71
14	8.31	10.32	12.59	15.09	17.77	20.57	23.40	26.15

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	22.99	24.81	26.32	27.43	28.09	28.28	27.96	27.18
2	28.85	31.13	33.02	34.42	35.25	35.48	35.09	34.10
3	34.95	37.72	40.01	41.70	42.71	42.98	42.51	41.32
4	40.89	44.14	46.81	48.79	49.97	50.29	49.74	48.34
5	46.20	49.86	52.88	55.12	56.45	56.81	56.19	54.61
6	50.40	54.40	57.70	60.13	61.59	61.98	61.30	59.58
7	53.10	57.31	60.78	63.35	64.88	65.30	64.58	62.76
8	54.01	58.30	61.83	64.44	66.00	66.42	65.69	63.85
9	53.06	57.27	60.74	63.30	64.83	65.25	64.53	62.72
10	50.33	54.32	57.61	60.05	61.50	61.90	61.21	59.49
11	46.10	49.76	52.77	55.00	56.33	56.70	56.07	54.49
12	40.78	44.01	46.68	48.65	49.83	50.15	49.60	48.20
13	34.83	37.59	39.87	41.55	42.56	42.83	42.36	41.17
14	28.73	31.00	[illegible]	34.27	35.10	35.33	34.94	33.96

J-ROW	I-COLUMN 25	26	27	28	29	30
1	25.96	24.36	22.47	20.36	18.13	15.87
2	32.57	30.56	28.19	25.55	22.75	19.91
3	39.46	37.03	34.15	30.95	27.56	24.12
4	46.16	43.32	39.96	36.21	32.25	28.22
5	52.15	48.95	45.14	40.91	36.43	31.88
6	56.90	53.40	49.25	44.[illegible]	39.75	34.78
7	59.94	56.25	51.88	47.[illegible]	41.87	36.64
8	60.37	57.[illegible]	52.78	47.[illegible]	42.59	37.28

9	59.90	56.21	51.84	46.98	41.84	36.62
10	56.82	53.32	49.18	44.57	39.69	34.74
11	52.04	48.84	45.05	40.82	36.36	31.82
12	46.03	43.20	39.84	36.11	32.16	28.14
13	39.32	36.90	34.03	30.84	27.47	24.04
14	32.43	30.44	28.07	25.44	22.66	19.83

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 5475.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.51	0.73	1.02	1.41	1.91	2.54	3.33	4.30
2	0.63	0.90	1.26	1.74	2.35	3.14	4.12	5.32
3	0.76	1.08	1.51	2.08	2.82	3.76	4.93	6.36
4	0.88	1.25	1.75	2.41	3.26	4.35	5.71	7.37
5	0.98	1.40	1.96	2.70	3.65	4.87	6.39	8.25
6	1.06	1.52	2.12	2.92	3.96	5.29	6.94	8.95
7	1.12	1.59	2.23	3.07	4.16	5.55	7.28	9.40
8	1.14	1.62	2.26	3.12	4.23	5.64	7.40	9.55
9	1.12	1.59	2.23	3.07	4.16	5.55	7.28	9.39
10	1.06	1.51	2.12	2.92	3.96	5.28	6.93	8.94
11	0.98	1.39	1.95	2.69	3.65	4.86	6.38	8.24
12	0.87	1.24	1.74	2.40	3.25	4.34	5.69	7.35
13	0.75	1.07	1.50	2.07	2.81	3.74	4.91	6.34
14	0.63	0.90	1.26	1.73	2.35	3.13	4.10	5.30

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	5.46	6.83	8.39	10.15	12.07	14.13	16.26	18.43
2	6.75	8.44	10.37	12.54	14.92	17.46	20.10	22.77
3	8.08	10.09	12.40	15.00	17.84	20.88	24.05	27.24
4	9.35	11.68	14.36	17.37	20.66	24.18	27.84	31.54
5	10.48	13.09	16.09	19.46	23.15	27.10	31.20	35.34
6	11.37	14.20	17.46	21.11	25.11	29.39	33.84	38.33
7	11.93	14.91	18.33	22.16	26.36	30.85	35.53	40.24
8	12.13	15.15	18.62	22.52	26.79	31.35	36.10	40.89
9	11.93	14.90	18.31	22.15	26.34	30.83	35.50	40.22
10	11.35	14.18	17.43	21.08	25.08	29.35	33.80	38.28
11	10.46	13.07	16.06	19.42	23.11	27.04	31.14	35.27
12	9.33	11.65	14.32	17.32	20.60	24.12	27.77	31.46
13	8.05	10.06	12.36	14.95	17.78	20.82	23.97	27.15
14	6.73	8.40	10.33	12.49	14.86	17.39	20.02	22.68

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	20.53	22.52	24.29	25.78	26.91	27.64	27.94	27.78
2	25.38	27.83	30.02	31.85	33.26	34.16	34.52	34.33
3	30.36	33.29	35.90	38.10	39.78	40.87	41.30	41.06
4	35.15	38.54	41.57	44.12	46.06	47.31	47.81	47.54
5	39.39	43.19	46.58	49.44	51.62	53.02	53.58	53.27
6	42.72	46.84	50.53	53.62	55.99	57.51	58.12	57.78
7	44.85	49.18	53.04	56.29	58.77	60.37	61.01	60.66
8	45.57	49.97	53.90	57.20	59.72	61.35	61.99	61.64
9	44.82	49.14	53.01	56.26	58.74	60.33	60.97	60.62
10	42.67	46.78	50.46	53.55	55.91	57.43	58.04	57.70
11	39.31	43.10	46.49	49.34	51.52	52.92	53.48	53.17
12	35.06	38.44	41.46	44.00	45.94	47.19	47.69	47.41
13	30.26	33.18	35.79	37.98	39.65	40.73	41.16	40.93
14	25.28	27.72	29.90	31.73	33.13	34.03	34.39	34.19

J-ROW	I-COLUMN 25	26	27	28	29	30
1	27.17	26.14	24.75	23.06	21.13	19.05
2	33.58	32.31	30.59	28.49	26.11	23.54
3	40.16	38.65	36.59	34.08	31.23	28.16
4	46.50	44.75	42.36	39.46	36.16	32.60
5	52.11	50.14	47.47	44.22	40.52	36.53
6	56.52	54.39	51.49	47.96	43.95	39.62
7	59.33	57.10	54.06	50.35	46.14	41.60
8	60.29	58.02	54.93	51.16	46.88	42.27
9	59.29	57.06	54.02	50.32	46.11	41.57
10	56.44	54.32	51.42	47.90	43.89	39.57
11	52.00	50.05	47.38	44.13	40.44	36.46
12	46.38	44.63	42.25	39.36	36.07	32.52
13	40.03	38.52	36.47	33.97	31.13	28.07
14	33.44	32.18	30.47	28.38	26.01	23.45

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 5840.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.41	0.59	0.82	1.13	1.54	2.05	2.70	3.50
2	0.51	0.72	1.00	1.38	1.88	2.51	3.30	4.27
3	0.60	0.85	1.19	1.64	2.22	2.96	3.90	5.05
4	0.69	0.98	1.36	1.88	2.55	3.40	4.47	5.80
5	0.76	1.08	1.52	2.09	2.83	3.78	4.98	6.45
6	0.82	1.17	1.64	2.25	3.06	4.08	5.37	6.96
7	0.86	1.23	1.71	2.36	3.20	4.27	5.62	7.28
8	0.88	1.24	1.74	2.40	3.25	4.34	5.71	7.39
9	0.86	1.22	1.71	2.36	3.20	4.27	5.62	7.28
10	0.82	1.17	1.64	2.25	3.05	4.08	5.37	6.95
11	0.76	1.08	1.51	2.09	2.83	3.78	4.97	6.44
12	0.69	0.97	1.36	1.87	2.54	3.39	4.46	5.78
13	0.60	0.85	1.18	1.63	2.21	2.96	3.89	5.04
14	0.50	0.72	1.00	1.38	1.87	2.50	3.28	4.25

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	4.47	5.61	6.94	8.46	10.15	12.00	13.96	16.01
2	5.45	6.84	8.47	10.32	12.38	14.63	17.03	19.52
3	6.44	8.10	10.02	12.21	14.65	17.31	20.15	23.09
4	7.39	9.29	11.49	14.00	16.80	19.86	23.11	26.49
5	8.23	10.34	12.79	15.58	18.70	22.10	25.72	29.48
6	8.88	11.15	13.80	16.81	20.18	23.85	27.75	31.81
7	9.29	11.67	14.44	17.60	21.12	24.96	29.05	33.29
8	9.43	11.85	14.66	17.86	21.44	25.33	29.49	33.80
9	9.29	11.67	14.43	17.59	21.11	24.94	29.03	33.27
10	8.87	11.14	13.78	16.79	20.15	23.82	27.72	31.77
11	8.21	10.32	12.76	15.55	18.66	22.06	25.67	29.42
12	7.38	9.27	11.46	13.97	16.76	19.81	23.06	26.43
13	6.42	8.07	9.99	12.17	14.60	17.26	20.08	23.02
14	5.43	6.82	8.44	10.28	12.34	14.58	16.97	19.45

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	18.07	20.09	21.99	23.71	25.17	26.32	27.11	27.50
2	22.04	24.50	26.82	28.91	30.70	32.11	33.06	33.53

3	26.07	28.98	31.72	34.20	36.32	37.98	39.11	39.66
4	29.90	33.24	36.39	39.24	41.66	43.57	44.87	45.50
5	33.27	36.99	40.49	43.66	46.36	48.48	49.92	50.63
6	35.91	39.92	43.70	47.11	50.03	52.31	53.87	54.64
7	37.58	41.78	45.74	49.31	52.36	54.75	56.39	57.19
8	38.15	42.41	46.43	50.06	53.15	55.58	57.24	58.05
9	37.56	41.75	45.71	49.28	52.33	54.72	56.35	57.15
10	35.86	39.87	43.65	47.06	49.97	52.25	53.81	54.57
11	33.21	36.92	40.42	43.58	46.27	48.39	49.83	50.54
12	29.83	33.16	36.30	39.14	41.56	43.46	44.76	45.39
13	25.99	28.89	31.63	34.10	36.21	37.86	38.99	39.54
14	21.95	24.41	26.72	28.81	30.59	31.99	32.94	33.41

J-ROW	I-COLUMN 25	26	27	28	29	30
1	27.46	27.01	26.17	24.97	23.46	21.71
2	33.49	32.95	31.92	30.45	28.61	26.47
3	39.62	38.97	37.75	36.02	33.84	31.31
4	45.45	44.71	43.31	41.32	38.82	35.92
5	50.57	49.74	48.19	45.97	43.20	39.97
6	54.57	53.68	52.00	49.61	46.61	43.13
7	57.12	56.18	54.43	51.93	48.79	45.14
8	57.98	57.03	55.25	52.71	49.52	45.83
9	57.08	56.15	54.39	51.89	48.76	45.12
10	54.51	53.62	51.94	49.55	46.56	43.08
11	50.48	49.65	48.10	45.89	43.12	39.90
12	45.34	44.60	43.20	41.22	38.73	35.83
13	39.50	38.85	37.64	35.91	33.74	31.22
14	33.37	32.83	31.80	30.34	28.50	26.38

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 6205.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.34	0.48	0.66	0.91	1.24	1.66	2.19	2.84
2	0.40	0.57	0.80	1.10	1.49	2.00	2.64	3.42
3	0.47	0.67	0.94	1.29	1.75	2.34	3.09	4.01
4	0.54	0.76	1.07	1.47	1.99	2.66	3.51	4.56
5	0.60	0.84	1.18	1.62	2.20	2.95	3.88	5.05
6	0.64	0.91	1.27	1.74	2.37	3.17	4.17	5.42
7	0.67	0.95	1.32	1.82	2.47	3.30	4.36	5.66
8	0.68	0.96	1.34	1.85	2.51	3.35	4.42	5.74
9	0.67	0.95	1.32	1.82	2.47	3.30	4.35	5.66
10	0.64	0.91	1.27	1.74	2.36	3.16	4.17	5.42
11	0.60	0.84	1.18	1.62	2.20	2.94	3.88	5.04
12	0.54	0.76	1.06	1.46	1.99	2.66	3.50	4.55
13	0.47	0.67	0.93	1.29	1.75	2.33	3.08	4.00
14	0.40	0.57	0.80	1.10	1.49	1.99	2.63	3.41

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	3.64	4.59	5.72	7.01	8.48	10.11	11.88	13.76
2	4.39	5.54	6.89	8.46	10.23	12.19	14.32	16.58
3	5.14	6.49	8.07	9.90	11.98	14.28	16.77	19.42
4	5.85	7.38	9.19	11.27	13.63	16.25	19.09	22.11
5	6.47	8.16	10.16	12.46	15.07	17.96	21.10	24.44
6	6.95	8.77	10.91	13.39	16.19	19.30	22.67	26.26
7	7.25	9.15	11.39	13.98	16.90	20.14	23.67	27.41
8	7.35	9.28	11.55	14.17	17.14	20.43	24.00	27.80

9	7.25	9.15	11.39	13.97	16.89	20.13	23.65	27.39
10	6.94	8.76	10.90	13.37	16.17	19.28	22.65	26.23
11	6.45	8.15	10.14	12.44	15.04	17.93	21.07	24.40
12	5.83	7.37	9.17	11.25	13.60	16.21	19.04	22.05
13	5.12	6.47	8.05	9.88	11.94	14.23	16.72	19.37
14	4.37	5.52	6.87	8.43	10.19	12.15	14.27	16.53

J-ROW	I-COLUMN							
	17	18	19	20	21	22	23	24
1	15.71	17.67	19.60	21.43	23.10	24.54	25.69	26.52
2	18.93	21.30	23.63	25.84	27.84	29.58	30.97	31.97
3	22.17	24.95	27.68	30.26	32.61	34.64	36.28	37.44
4	25.23	28.40	31.50	34.44	37.11	39.42	41.28	42.61
5	27.90	31.40	34.83	38.08	41.03	43.59	45.64	47.11
6	29.98	33.73	37.41	40.90	44.08	46.83	49.04	50.61
7	31.29	35.21	39.05	42.70	46.02	48.88	51.19	52.83
8	31.73	35.71	39.61	43.30	46.67	49.58	51.91	53.58
9	31.27	35.19	39.03	42.67	45.99	48.85	51.16	52.80
10	29.94	33.69	37.37	40.86	44.03	46.78	48.98	50.56
11	27.85	31.34	34.76	38.01	40.96	43.52	45.57	47.03
12	25.18	28.33	31.42	34.36	37.03	39.33	41.19	42.51
13	22.11	24.88	27.60	30.17	32.52	34.54	36.17	37.33
14	18.87	21.23	23.55	25.75	27.75	29.48	30.87	31.86

J-ROW	I-COLUMN					
	25	26	27	28	29	30
1	26.98	27.06	26.75	26.07	25.04	23.71
2	32.53	32.62	32.25	31.42	30.18	28.58
3	38.09	38.20	37.77	36.80	35.35	33.47
4	43.35	43.48	42.98	41.88	40.23	38.09
5	47.93	48.07	47.52	46.31	44.48	42.11
6	51.50	51.64	51.05	49.75	47.78	45.24
7	53.75	53.91	53.29	51.93	49.88	47.22
8	54.52	54.67	54.05	52.67	50.59	47.89
9	53.72	53.88	53.26	51.90	49.85	47.20
10	51.44	51.58	50.99	49.69	47.73	45.19
11	47.85	47.99	47.44	46.23	44.40	42.04
12	43.25	43.38	42.88	41.78	40.13	38.00
13	37.99	38.09	37.66	36.70	35.25	33.37
14	32.41	32.51	32.13	31.31	30.08	28.48

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 6570.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN							
	1	2	3	4	5	6	7	8
1	0.27	0.38	0.53	0.74	1.00	1.34	1.76	2.30
2	0.32	0.46	0.64	0.88	1.19	1.59	2.11	2.74
3	0.38	0.53	0.74	1.02	1.38	1.85	2.44	3.19
4	0.42	0.60	0.84	1.15	1.56	2.09	2.76	3.60
5	0.47	0.66	0.92	1.26	1.72	2.30	3.04	3.96
6	0.50	0.71	0.98	1.35	1.84	2.46	3.25	4.23
7	0.52	0.73	1.02	1.41	1.91	2.56	3.38	4.41
8	0.53	0.74	1.04	1.43	1.94	2.60	3.43	4.47
9	0.52	0.73	1.02	1.41	1.91	2.56	3.38	4.41
10	0.50	0.70	0.98	1.35	1.84	2.46	3.25	4.23
11	0.47	0.66	0.92	1.26	1.71	2.30	3.03	3.95
12	0.42	0.60	0.83	1.15	1.56	2.09	2.76	3.59
13	0.37	0.53	0.74	1.02	1.38	1.85	2.44	3.18
14	0.32	0.46	0.64	0.87	1.19	1.59	2.10	2.73

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	2.96	3.75	4.69	5.79	7.05	8.47	10.03	11.72
2	3.53	4.47	5.60	6.91	8.41	10.10	11.97	13.99
3	4.10	5.19	6.50	8.02	9.76	11.73	13.89	16.24
4	4.63	5.87	7.34	9.06	11.03	13.25	15.70	18.35
5	5.09	6.45	8.07	9.96	12.13	14.57	17.26	20.17
6	5.44	6.90	8.64	10.66	12.98	15.59	18.47	21.59
7	5.67	7.19	8.99	11.10	13.51	16.23	19.23	22.48
8	5.75	7.29	9.12	11.25	13.70	16.45	19.49	22.78
9	5.67	7.19	8.99	11.09	13.51	16.22	19.22	22.47
10	5.44	6.90	8.63	10.65	12.96	15.57	18.45	21.56
11	5.08	6.44	8.06	9.95	12.11	14.54	17.23	20.14
12	4.62	5.86	7.33	9.04	11.01	13.22	15.66	18.31
13	4.08	5.18	6.48	8.00	9.74	11.69	13.86	16.19
14	3.52	4.46	5.58	6.88	8.38	10.07	11.93	13.94

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	13.52	15.38	17.26	19.10	20.86	22.47	23.88	25.04
2	16.13	18.34	20.59	22.79	24.88	26.81	28.49	29.87
3	18.72	21.30	23.90	26.46	28.89	31.12	33.08	34.68
4	21.16	24.06	27.00	29.89	32.64	35.17	37.37	39.18
5	23.26	26.46	29.69	32.87	35.89	38.67	41.09	43.08
6	24.89	28.31	31.77	35.17	38.41	41.37	43.97	46.10
7	25.92	29.48	33.08	36.62	39.99	43.08	45.79	48.00
8	26.27	29.88	33.53	37.11	40.53	43.66	46.40	48.65
9	25.91	29.47	33.07	36.60	39.97	43.06	45.76	47.98
10	24.86	28.28	31.74	35.13	38.36	41.33	43.92	46.05
11	23.22	26.42	29.64	32.81	35.83	38.60	41.02	43.01
12	21.11	24.01	26.94	29.83	32.57	35.09	37.29	39.10
13	18.67	21.24	23.83	26.38	28.81	31.04	32.99	34.58
14	16.07	18.28	20.52	22.71	24.80	26.72	28.40	29.77

J-ROW	I-COLUMN 25	26	27	28	29	30
1	25.89	26.42	26.59	26.40	25.86	24.99
2	30.89	31.52	31.72	31.50	30.86	29.82
3	35.87	36.59	36.83	36.57	35.82	34.61
4	40.52	41.34	41.61	41.32	40.47	39.11
5	44.56	45.46	45.76	45.43	44.50	43.00
6	47.68	48.64	48.96	48.61	47.62	46.01
7	49.65	50.65	50.98	50.62	49.59	47.92
8	50.31	51.33	51.67	51.30	50.25	48.56
9	49.62	50.63	50.96	50.60	49.56	47.89
10	47.62	48.59	48.91	48.56	47.57	45.96
11	44.48	45.39	45.68	45.36	44.43	42.93
12	40.43	41.25	41.52	41.23	40.39	39.02
13	35.77	36.49	36.73	36.47	35.72	34.52
14	30.79	31.42	31.62	31.40	30.75	29.72

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 6935.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.22	0.31	0.43	0.59	0.80	1.08	1.42	1.86
2	0.26	0.36	0.51	0.70	0.95	1.27	1.68	2.20

3	0.30	0.42	0.58	0.[illegible]	1.09	1.46	1.94	2.53
4	0.33	0.47	0.66	0.[illegible]	1.23	1.64	2.17	2.84
5	0.37	0.52	0.72	0.[illegible]	1.34	1.80	2.38	3.11
6	0.39	0.[illegible]	0.77	1.0[illegible]	1.43	1.92	2.54	3.31
7	0.40	0.[illegible]	0.80	1.0[illegible]	1.49	1.99	2.64	3.44
8	0.41	0.58	0.81	1.11	1.50	2.02	2.67	3.49
9	0.40	0.57	0.80	1.09	1.49	1.99	2.63	3.44
10	0.39	0.55	0.76	1.05	1.43	1.92	2.53	3.31
11	0.36	0.51	0.72	0.99	1.34	1.80	2.38	3.10
12	0.33	0.47	0.65	0.90	1.22	1.64	2.17	2.84
13	0.30	0.42	0.58	0.80	1.09	1.46	1.93	2.52
14	0.26	0.36	0.51	0.70	0.95	1.27	1.68	2.19

J-ROW				I-COLUMN				
	9	10	11	12	13	14	15	16
1	2.40	3.05	3.84	4.76	5.83	7.05	8.42	9.92
2	2.83	3.61	4.53	5.63	6.89	8.33	9.95	11.72
3	3.26	4.16	5.22	6.48	7.94	9.60	11.46	13.51
4	3.66	4.67	5.86	7.28	8.91	10.78	12.87	15.16
5	4.01	5.10	6.42	7.96	9.75	11.79	14.08	16.59
6	4.27	5.44	6.84	8.49	10.40	12.57	15.01	17.69
7	4.44	5.66	7.11	8.82	10.80	13.06	15.60	18.38
8	4.50	5.73	7.20	8.93	10.94	13.23	15.79	18.61
9	4.44	5.65	7.10	8.81	10.80	13.06	15.59	18.37
10	4.27	5.44	6.83	8.48	10.39	12.56	14.99	17.67
11	4.00	5.10	6.41	7.95	9.74	11.77	14.05	16.56
12	3.66	4.66	5.85	7.26	8.89	10.75	12.84	15.13
13	3.26	4.14	5.21	6.46	7.92	9.58	11.43	13.47
14	2.82	3.60	4.52	5.61	6.87	8.31	9.92	11.69

J-ROW				I-COLUMN				
	17	18	19	20	21	22	23	24
1	11.54	13.26	15.03	16.82	18.59	20.28	21.84	23.22
2	13.64	15.67	17.76	19.8[illegible]	21.97	23.97	25.81	27.44
3	15.71	18.0[illegible]	20.46	22.[illegible]	25.31	27.61	29.73	31.61
4	17.64	20.26	22.97	25.7[illegible]	28.41	31.00	33.38	35.49
5	19.30	22.17	25.13	28.1[illegible]	31.09	33.91	36.52	38.83
6	20.58	23.63	26.80	30.00	33.15	36.16	38.94	41.40
7	21.38	24.56	27.85	31.17	34.44	37.57	40.46	43.02
8	21.65	24.87	28.20	31.57	34.88	38.05	40.98	43.56
9	21.37	24.55	27.83	31.15	34.42	37.55	40.44	42.99
10	20.56	23.61	26.77	29.96	[illegible].11	36.12	38.90	41.35
11	19.27	22.13	25.09	28.09	[illegible].04	33.86	36.46	38.77
12	17.60	20.22	22.92	25.66	28.36	30.93	33.31	35.41
13	15.67	18.00	20.41	22.85	25.25	27.54	29.66	31.53
14	13.60	15.62	17.71	19.82	21.90	23.90	25.73	27.36

J-ROW				I-COLUMN		
	25	26	27	28	29	30
1	24.37	25.25	25.83	26.08	26.00	25.58
2	28.80	29.84	30.52	30.82	30.73	30.24
3	33.18	34.38	35.16	35.51	35.39	34.83
4	37.25	38.59	39.47	39.86	39.73	39.10
5	40.75	42.22	43.19	43.61	43.47	42.78
6	43.45	45.02	46.05	46.50	46.35	45.61
7	45.15	46.78	47.85	48.31	48.16	4[illegible].40
8	45.72	47.37	48.45	48.93	48.77	4[illegible].00
9	45.12	46.75	47.82	48.29	48.14	4[illegible].37
10	43.40	44.97	46.00	46.45	46.30	45.57
11	40.69	42.16	43.12	43.54	43.40	42.71
12	37.17	38.51	39.39	39.78	39.65	39.0[illegible]
13	33.09	34.29	35.07	35.41	35.30	34.7[illegible]
14	28.71	29.75	30.43	30.73	30.63	30.[illegible]

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 7300.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.18	0.25	0.34	0.47	0.64	0.86	1.15	1.50
2	0.21	0.29	0.40	0.56	0.76	1.01	1.34	1.76
3	0.24	0.33	0.46	0.64	0.86	1.16	1.54	2.01
4	0.26	0.37	0.52	0.71	0.96	1.29	1.71	2.24
5	0.29	0.40	0.56	0.77	1.05	1.41	1.87	2.45
6	0.30	0.43	0.60	0.82	1.12	1.50	1.98	2.60
7	0.32	0.45	0.62	0.85	1.16	1.55	2.06	2.70
8	0.32	0.45	0.63	0.86	1.17	1.57	2.08	2.73
9	0.32	0.44	0.62	0.85	1.16	1.55	2.06	2.69
10	0.30	0.43	0.60	0.82	1.11	1.50	1.98	2.60
11	0.29	0.40	0.56	0.77	1.05	1.41	1.86	2.44
12	0.26	0.37	0.52	0.71	0.96	1.29	1.71	2.24
13	0.24	0.33	0.46	0.63	0.86	1.16	1.53	2.01
14	0.21	0.29	0.40	0.55	0.75	1.01	1.34	1.75

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	1.94	2.48	3.13	3.90	4.81	5.85	7.03	8.34
2	2.27	2.91	3.67	4.57	5.63	6.85	8.24	9.78
3	2.60	3.32	4.20	5.23	6.44	7.84	9.42	11.19
4	2.90	3.71	4.68	5.84	7.19	8.75	10.52	12.49
5	3.16	4.04	5.10	6.36	7.83	9.53	11.45	13.60
6	3.36	4.29	5.42	6.76	8.32	10.13	12.17	14.45
7	3.49	4.45	5.62	7.01	8.63	10.50	12.63	14.99
8	3.53	4.51	5.69	7.09	8.74	10.63	12.78	15.17
9	3.48	4.45	5.62	7.01	8.63	10.50	12.62	14.98
10	3.36	4.29	5.42	6.75	8.32	10.12	12.16	14.44
11	3.16	4.04	5.09	6.35	7.82	9.52	11.44	13.58
12	2.90	3.70	4.67	5.83	7.18	8.73	10.50	12.46
13	2.60	3.32	4.19	5.22	6.43	7.82	9.40	11.16
14	2.27	2.90	3.66	4.56	5.62	6.83	8.21	9.75

J-ROW	I-COLUMN. 17	18	19	20	21	22	23	24
1	9.79	11.34	12.98	14.67	16.39	18.08	19.70	21.21
2	11.47	13.29	15.21	17.20	19.21	21.19	23.09	24.86
3	13.12	15.20	17.40	19.67	21.97	24.23	26.41	28.43
4	14.64	16.97	19.42	21.95	24.52	27.05	29.48	31.74
5	15.95	18.48	21.15	23.91	26.70	29.46	32.11	34.57
6	16.95	19.64	22.48	25.41	28.38	31.31	34.12	36.74
7	17.58	20.37	23.31	26.36	29.44	32.47	35.39	38.10
8	17.79	20.62	23.59	26.67	29.79	32.87	35.82	38.56
9	17.57	20.36	23.30	26.34	29.42	32.46	35.37	38.08
10	16.94	19.62	22.46	25.39	28.35	31.28	34.09	36.70
11	15.93	18.45	21.12	23.88	26.66	29.42	32.06	34.52
12	14.62	16.93	19.38	21.91	24.47	27.00	29.42	31.68
13	13.09	15.16	17.35	19.62	21.91	24.18	26.35	28.37
14	11.44	13.25	15.17	17.15	19.15	21.13	23.02	24.79

J-ROW	I-COLUMN 25	26	27	28	29	30
1	22.56	23.70	24.59	25.21	25.53	25.54
2	26.44	27.72	28.83	29.55	29.93	29.94

3	30.24	31.77	32.97	33.80	34.23	34.24
4	33.75	35.46	36.80	37.73	38.20	38.22
5	36.76	38.62	40.08	41.09	41.61	41.63
6	39.07	41.05	42.60	43.67	44.22	44.24
7	40.52	42.57	44.18	45.29	45.87	45.89
8	41.01	43.08	44.71	45.84	46.42	46.44
9	40.50	42.55	44.16	45.27	45.84	45.86
10	39.03	41.01	42.56	43.63	44.18	44.20
11	36.71	38.56	40.02	41.03	41.55	41.57
12	33.69	35.39	36.73	37.65	38.13	38.15
13	30.17	31.69	32.89	33.72	34.15	34.16
14	26.36	27.69	28.74	29.46	29.84	29.85

MONITOR WELL COMPUTATION RESULTS:

TIME-CONCENTRATION TABLE

MONITOR WELL NUMBER: 1

TIME(DAYS)	CONCENTRATION(MG/L)
365.000	0.00
730.000	0.05
1095.000	18.62
1460.000	50.81
1825.000	81.49
2190.000	101.05
2555.000	108.69
2920.000	107.26
3285.000	100.16
3650.000	90.09
4015.000	78.94
4380.000	67.88
4745.000	57.57
5110.000	48.31
5475.000	40.22
5840.000	33.27
6205.000	27.39
6570.000	22.47
6935.000	18.37
7300.000	14.98

MONITOR WELL NUMBER: 2

TIME(DAYS)	CONCENTRATION(MG/L)
365.000	0.00
730.000	0.00
1095.000	0.01
1460.000	0.24
1825.000	1.71
2190.000	5.82
2555.000	12.86
2920.000	21.78
3285.000	30.95
3650.000	38.96
4015.000	44.95
4380.000	48.61
4745.000	50.05
5110.000	49.60
5475.000	47.69
5840.000	44.76
6205.000	41.19
6570.000	37.29
6935.000	33.31
7300.000	29.42

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DATA BASE:  SODIUM

NUMBER OF SIMULATION PERIODS 20     SOURCE  1  STARTS  1/74
DURATION OF PERIOD 1          365            2          1/81
DURATION OF PERIOD 2          730
DURATION OF PERIOD 3          1095
DURATION OF PERIOD 4          1460
DURATION OF PERIOD 5          1825
DURATION OF PERIOD 6          2190
DURATION OF PERIOD 7          2555
DURATION OF PERIOD 8          2920
DURATION OF PERIOD 9          3285
DURATION OF PERIOD 10         3650
DURATION OF PERIOD 11         4015
DURATION OF PERIOD 12         4380
DURATION OF PERIOD 13         4745
DURATION OF PERIOD 14         5110
DURATION OF PERIOD 15         5475
DURATION OF PERIOD 16         5840
DURATION OF PERIOD 17         6205
DURATION OF PERIOD 18         6570
DURATION OF PERIOD 19         6935
DURATION OF PERIOD 20         7300
NUMBER OF TIME PERIODS, COLUMNS AND ROWS 20                30
 14
GRID SIZE, X AND Y ORIGIN 100              1               1
ACTUAL AND EFFECTIVE POROSITY .2           .2
AQUIFER THICKNESS 25
SIMULATION PERIOD  1
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160               80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35           1
     INJECTION VOLUME AND CONC 2100000     6800
     TIME SINCE SOURCE BEGAN 365
SIMULATION PERIOD  2
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 50                2
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .55           1
     INJECTION VOLUME AND CONC 2100000     6800
     TIME SINCE SOURCE BEGAN 730
SIMULATION PERIOD  3
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160               80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35           2
     INJECTION VOLUME AND CONC 2100000     6800
     TIME SINCE SOURCE BEGAN 1095
     INJECTION VOLUME AND CONC 96000       363
     TIME SINCE SOURCE BEGAN 365
SIMULATION PERIOD  4
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160               80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35           2
     INJECTION VOLUME AND CONC 2100000     6800
     TIME SINCE SOURCE BEGAN 1460
     INJECTION VOLUME AND CONC 96000       363
     TIME SINCE SOURCE BEGAN 730
SIMULATION PERIOD  5
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160               80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35           2
     INJECTION VOLUME AND CONC 2100000     6800
     TIME SINCE SOURCE BEGAN 1825
     INJECTION VOLUME AND CONC 96000       363
     TIME SINCE SOURCE BEGAN 1095
SIMULATION PERIOD  6
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160               80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35           2
     INJECTION VOLUME AND CONC 2100000     6800
     TIME SINCE SOURCE BEGAN 2190
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     INJECTION VOLUME AND CONC 96000        363
     TIME SINCE SOURCE BEGAN 1460
SIMULATION PERIOD  7
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160              80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35          2
     INJECTION VOLUME AND CONC 2100000      6800
     TIME SINCE SOURCE BEGAN 2555
     INJECTION VOLUME AND CONC 96000        363
     TIME SINCE SOURCE BEGAN 1825
SIMULATION PERIOD  8
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160              80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35          2
     INJECTION VOLUME AND CONC 2100000      6800
     TIME SINCE SOURCE BEGAN 2920
     INJECTION VOLUME AND CONC 96000        363
     TIME SINCE SOURCE BEGAN 2190
SIMULATION PERIOD  9
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160              80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35          2
     INJECTION VOLUME AND CONC 2100000      6800
     TIME SINCE SOURCE BEGAN 3285
     INJECTION VOLUME AND CONC 96000        363
     TIME SINCE SOURCE BEGAN 2555
SIMULATION PERIOD  10
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160              80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35          2
     INJECTION VOLUME AND CONC 2100000      6800
     TIME SINCE SOURCE BEGAN 3650
     INJECTION VOLUME AND CONC 96000        363
     TIME SINCE SOURCE BEGAN 2920
SIMULATION PERIOD  11
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160              80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35          2
     INJECTION VOLUME AND CONC 2100000      6800
     TIME SINCE SOURCE BEGAN 4015
     INJECTION VOLUME AND CONC 96000        363
     TIME SINCE SOURCE BEGAN 3285
SIMULATION PERIOD  12
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160              80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35          2
     INJECTION VOLUME AND CONC 2100000      6800
     TIME SINCE SOURCE BEGAN 4380
     INJECTION VOLUME AND CONC 96000        363
     TIME SINCE SOURCE BEGAN 3650
SIMULATION PERIOD  13
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160              80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35          2
     INJECTION VOLUME AND CONC 2100000      6800
     TIME SINCE SOURCE BEGAN 4745
     INJECTION VOLUME AND CONC 96000        363
     TIME SINCE SOURCE BEGAN 4015
SIMULATION PERIOD  14
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160              80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35          2
     INJECTION VOLUME AND CONC 2100000      6800
     TIME SINCE SOURCE BEGAN 5110
     INJECTION VOLUME AND CONC 96000        363
     TIME SINCE SOURCE BEGAN 4380
SIMULATION PERIOD  15
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160              80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35          2
     INJECTION VOLUME AND CONC 2100000      6800
     TIME SINCE SOURCE BEGAN 5475
     INJECTION VOLUME AND CONC 96000        363
     TIME SINCE SOURCE BEGAN 4745
SIMULATION PERIOD  16
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LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160              80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35          2
     INJECTION VOLUME AND CONC 2100000      6800
     TIME SINCE SOURCE BEGAN 5840
     INJECTION VOLUME AND CONC 96000        363
     TIME SINCE SOURCE BEGAN 5110
SIMULATION PERIOD  17
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160              80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35          2
     INJECTION VOLUME AND CONC 2100000      6800
     TIME SINCE SOURCE BEGAN 6205
     INJECTION VOLUME AND CONC 96000        363
     TIME SINCE SOURCE BEGAN 5475
SIMULATION PERIOD  18
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160              80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35          2
     INJECTION VOLUME AND CONC 2100000      6800
     TIME SINCE SOURCE BEGAN 6570
     INJECTION VOLUME AND CONC 96000        363
     TIME SINCE SOURCE BEGAN 5840
SIMULATION PERIOD  19
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160              80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35          2
     INJECTION VOLUME AND CONC 2100000      6800
     TIME SINCE SOURCE BEGAN 6935
     INJECTION VOLUME AND CONC 96000        363
     TIME SINCE SOURCE BEGAN 6205
SIMULATION PERIOD  20
LONGITUDINAL AND TRANSVERSE DISPERSIVITY 160              80
SEEPAGE VELOCITY AND NUMBER OF POINT SOURCES .35          2
     INJECTION VOLUME AND CONC 2100000      6800
     TIME SINCE SOURCE BEGAN 7300
     INJECTION VOLUME AND CONC 96000        363
     TIME SINCE SOURCE BEGAN 6570
USING ADSORPTION OR RADIOACTIVE DECAY? 2   2
 2

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS:  365.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:
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J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01
2	0.03	0.09	0.17	0.27	0.32	0.30	0.22	0.13
3	0.51	1.29	2.54	3.91	4.72	4.46	3.30	1.91
4	4.61	11.60	22.82	35.16	42.43	40.08	29.65	17.17
5	25.45	63.95	125.85	193.92	233.97	221.04	163.51	94.70
6	86.03	216.23	425.52	655.68	791.09	747.35	552.83	320.20
7	178.34	448.22	882.07	1359.17	1639.87	1549.21	1145.97	663.75
8	226.65	569.64	1121.02	1727.37	2084.12	1968.89	1456.42	843.55
9	176.60	443.86	873.48	1345.94	1623.91	1534.13	1134.81	657.28
10	84.37	212.04	417.27	642.97	775.76	732.87	542.11	313.99
11	24.71	62.10	122.21	188.31	227.21	214.64	158.78	91.96
12	4.44	11.15	21.94	33.81	40.80	38.54	28.51	16.51
13	0.49	1.23	2.42	3.72	4.49	4.24	3.14	1.82
14	0.03	0.08	0.16	0.25	0.30	0.29	0.21	0.12

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.06	0.02	0.01	0.00	0.00	0.00	0.00	0.00

3	0.87	0.31	0.09	0.02	0.00	0.00	0.00	0.00
4	7.79	2.77	0.77	0.17	0.03	0.00	0.00	0.00
5	42.95	15.25	4.24	0.92	0.16	0.02	0.00	0.00
6	145.21	51.57	14.34	3.12	0.53	0.07	0.01	0.00
7	301.02	106.89	29.72	6.47	1.10	0.15	0.02	0.00
8	382.56	135.85	37.77	8.22	1.40	0.19	0.02	0.00
9	298.09	105.85	29.43	6.41	1.09	0.15	0.02	0.00
10	142.40	50.57	14.06	3.06	0.52	0.07	0.01	0.00
11	41.71	14.81	4.12	0.90	0.15	0.02	0.00	0.00
12	7.49	2.66	0.74	0.16	0.03	0.00	0.00	0.00
13	0.82	0.29	0.08	0.02	0.00	0.00	0.00	0.00
14	0.06	0.02	0.01	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN 25	26	27	28	29	30
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 730.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	[illegible]	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.01	0.02	0.03	0.03
7	0.79	4.[illegible]	15.81	48.[illegible]	116.26	216.97	315.[illegible]4	357.95
8	16.79	84.[illegible]	334.25	1026.[illegible]	2457.53	[illegible]6.27	6671.95	7566.20

9	0.70	3.54	13.96	42.88	102.65	191.57	278.68	316.04
10	0.00	0.00	0.00	0.00	0.01	0.02	0.02	0.03
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.03	0.02	0.01	0.00	0.00	0.00	0.00	0.00
7	316.43	218.05	117.13	49.05	16.01	4.07	0.81	0.12
8	6688.59	4609.18	2475.96	1036.81	338.44	86.12	17.08	2.64
9	279.38	192.52	103.42	43.31	14.14	3.60	0.71	0.11
10	0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.32	0.03	0.00	0.00	0.00	0.00	0.00	0.00
9	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J-ROW	I-COLUMN 25	26	27	28	29	30
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 1095.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	1.96	3.27	5.05	7.19	9.43	11.39	12.69	13.03
2	5.63	9.44	14.56	20.72	27.16	32.83	36.56	37.54
3	13.80	23.10	35.66	50.72	66.51	80.37	89.52	91.90
4	28.70	48.07	74.20	105.56	138.39	167.22	186.23	191.15
5	50.75	85.03	131.30	186.82	244.90	295.81	329.29	337.88
6	76.28	127.91	197.64	281.28	368.64	444.99	494.98	507.56
7	97.43	163.52	252.84	359.93	471.58	568.84	632.20	647.79
8	105.62	177.32	274.27	390.49	511.56	616.87	685.31	701.98
9	97.11	162.98	252.00	358.73	470.01	566.96	630.12	645.67
10	75.78	127.07	196.35	279.43	366.22	442.07	491.74	504.25
11	50.25	84.20	130.01	184.99	242.50	292.92	326.07	334.59
12	28.33	47.44	73.23	104.19	136.60	165.05	183.81	188.68
13	13.57	22.73	35.08	49.90	65.43	79.07	88.07	90.41
14	5.53	9.25	14.28	20.32	26.64	32.19	35.86	36.81

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	12.33	10.75	8.64	6.40	4.37	2.75	1.60	0.85
2	35.52	30.98	24.90	18.45	12.60	7.93	4.60	2.46
3	86.96	75.84	60.96	45.17	30.85	19.42	11.26	6.02
4	180.86	157.73	126.79	93.94	64.15	40.38	23.43	12.53
5	319.61	278.70	224.01	165.97	113.34	71.34	41.39	22.13
6	479.90	418.36	336.24	249.11	170.11	107.07	62.12	33.22
7	612.18	533.54	428.76	317.64	216.91	136.53	79.20	42.35
8	663.24	577.97	464.44	344.06	234.95	147.88	85.79	45.88
9	610.18	531.80	427.36	316.60	216.20	136.08	78.95	42.21
10	476.77	415.64	334.06	247.49	169.01	106.38	61.71	33.00
11	316.49	275.98	221.83	164.36	112.24	70.65	40.98	21.92
12	178.52	155.68	125.15	92.72	63.32	39.86	23.12	12.36
13	85.55	74.61	59.98	44.44	30.35	19.10	11.08	5.93
14	34.83	30.38	24.42	18.09	12.36	7.78	4.51	2.41

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	0.42	0.19	0.08	0.03	0.01	0.00	0.00	0.00
2	1.21	0.55	0.23	0.09	0.03	0.01	0.00	0.00
3	2.97	1.35	0.56	0.22	0.08	0.03	0.01	0.00
4	6.17	2.80	1.17	0.45	0.16	0.05	0.02	0.00
5	10.91	4.95	2.07	0.80	0.28	0.09	0.03	0.01
6	16.37	7.44	3.11	1.20	0.43	0.14	0.04	0.01
7	20.87	9.48	3.97	1.53	0.54	0.18	0.05	0.02
8	22.61	10.27	4.30	1.66	0.59	0.19	0.06	0.02
9	20.81	9.45	3.96	1.53	0.54	0.18	0.05	0.01
10	16.26	7.39	3.09	1.19	0.42	0.14	0.04	0.01
11	10.80	4.91	2.05	0.79	0.28	0.09	0.03	0.01
12	6.09	2.77	1.16	0.45	0.16	0.05	0.02	0.00
13	2.92	1.33	0.56	0.21	0.08	0.02	0.01	0.00
14	1.19	0.54	0.23	0.09	0.03	0.01	0.00	0.00

J-ROW	I-COLUMN 25	26	27	28	29	30
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00

9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 1460.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	3.56	5.67	8.49	11.96	15.85	19.75	23.15	25.53
2	7.88	12.55	18.79	26.47	35.06	43.69	51.22	56.48
3	15.44	24.58	36.80	51.84	68.67	85.57	100.30	110.59
4	26.76	42.61	63.81	89.88	119.06	148.35	173.86	191.65
5	41.05	65.38	97.92	137.93	182.71	227.63	266.72	293.96
6	55.73	88.77	132.97	187.31	248.12	309.08	362.08	398.97
7	66.93	106.62	159.73	225.01	298.05	371.24	434.84	479.06
8	71.09	113.25	169.67	239.01	316.59	394.31	461.85	508.78
9	66.77	106.36	159.34	224.46	297.32	370.32	433.77	477.89
10	55.46	88.33	132.32	186.39	246.90	307.56	360.31	397.02
11	40.75	64.90	97.20	136.92	181.37	225.96	264.76	291.80
12	26.50	42.19	63.19	89.00	117.90	146.90	172.16	189.78
13	15.25	24.28	36.36	51.21	67.84	84.53	99.08	109.24
14	7.77	12.37	18.52	26.08	34.55	43.06	50.47	55.65

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	26.48	25.84	23.72	20.48	16.64	12.71	9.14	6.18
2	58.58	57.16	52.47	45.30	36.79	28.11	20.21	13.66
3	114.69	111.90	102.70	88.67	72.02	55.02	39.55	26.74
4	198.73	193.86	177.90	153.58	124.73	95.29	68.49	46.30
5	304.75	297.22	272.71	235.40	191.16	146.04	104.96	70.96
6	413.54	403.24	369.92	319.27	259.25	198.05	142.33	96.22
7	496.47	484.03	443.98	383.16	311.11	237.65	170.79	115.46
8	527.23	514.00	471.45	406.85	330.33	252.33	181.34	122.59
9	495.25	482.84	442.90	382.22	310.35	237.07	170.37	115.18
10	411.51	401.27	368.11	317.72	257.99	197.08	141.64	95.76
11	302.52	295.05	270.71	233.68	189.76	144.97	104.19	70.44
12	196.80	191.97	176.17	152.08	123.51	94.37	67.82	45.85
13	113.30	110.54	101.45	87.59	71.14	54.35	39.07	26.41
14	57.73	56.33	51.70	44.64	36.26	27.70	19.91	13.46

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	3.93	2.35	1.32	0.70	0.35	0.16	0.07	0.03
2	8.69	5.20	2.93	1.55	0.77	0.36	0.16	0.07
3	17.00	10.17	5.73	3.03	1.51	0.71	0.31	0.13
4	29.45	17.62	9.92	5.25	2.61	1.22	0.54	0.22
5	45.13	27.00	15.20	8.04	4.01	1.88	0.83	0.34
6	61.20	36.61	20.60	10.91	5.43	2.54	1.12	0.46
7	73.43	43.93	24.72	13.09	6.52	3.05	1.35	0.56
8	77.97	46.65	26.25	13.90	6.92	3.24	1.43	0.59
9	73.25	43.82	24.66	13.06	6.50	3.05	1.34	0.56
10	60.90	36.43	20.50	10.86	5.41	2.53	1.12	0.46
11	44.80	26.80	15.08	7.99	3.98	1.86	0.82	0.34
12	29.16	17.45	9.82	5.20	2.59	1.21	0.53	0.22
13	16.80	10.05	5.66	2.99	1.49	0.70	0.31	0.13
14	8.56	5.12	2.88	1.53	0.76	0.36	0.16	0.07

J-ROW	I-COLUMN 25	26	27	28	29	30
1	0.01	0.00	0.00	0.00	0.00	0.00
2	0.03	0.01	0.00	0.00	0.00	0.00
3	0.05	0.02	0.01	0.00	0.00	0.00
4	0.09	0.03	0.01	0.00	0.00	0.00
5	0.13	0.05	0.02	0.01	0.00	0.00
6	0.18	0.07	0.02	0.01	0.00	0.00
7	0.22	0.08	0.03	0.01	0.00	0.00
8	0.23	0.08	0.03	0.01	0.00	0.00
9	0.22	0.08	0.03	0.01	0.00	0.00
10	0.18	0.07	0.02	0.01	0.00	0.00
11	0.13	0.05	0.02	0.01	0.00	0.00
12	0.09	0.03	0.01	0.00	0.00	0.00
13	0.05	0.02	0.01	0.00	0.00	0.00
14	0.03	0.01	0.00	0.00	0.00	0.00

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 1825.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	4.49	6.93	10.18	14.26	19.01	24.13	29.17	33.57
2	8.47	13.08	19.23	26.92	35.89	45.56	55.07	63.39
3	14.50	22.40	32.93	46.11	61.47	78.02	94.30	108.53
4	22.52	34.78	51.15	71.61	95.46	121.17	146.44	168.52
5	31.72	48.98	72.03	100.85	134.44	170.64	206.21	237.29
6	40.50	62.55	91.98	128.78	171.67	217.88	263.28	302.93
7	46.87	72.40	106.47	149.07	198.72	252.20	304.75	350.63
8	49.18	75.97	111.72	156.42	208.51	264.63	319.77	367.90
9	46.78	72.26	106.26	148.78	198.33	251.71	304.15	349.94
10	40.34	62.30	91.62	128.27	170.99	217.02	262.25	301.75
11	31.53	48.70	71.61	100.26	133.65	169.64	205.00	235.89
12	22.35	34.51	50.75	71.05	94.72	120.22	145.30	167.21
13	14.36	22.18	32.61	45.66	60.87	77.26	93.38	107.47
14	8.37	12.93	19.01	26.61	35.47	45.03	54.43	62.64

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	36.80	38.41	38.17	36.13	32.56	27.95	22.84	17.78
2	69.47	72.50	72.05	68.19	61.46	52.74	43.10	33.55
3	118.94	124.12	123.34	116.72	105.18	90.27	73.77	57.41
4	184.67	192.69	191.47	181.17	163.25	140.09	114.48	89.09
5	259.99	271.26	269.51	255.00	229.76	197.15	161.10	125.36
6	331.89	346.25	343.99	325.44	293.21	251.57	205.56	159.96
7	384.12	400.72	398.08	376.59	339.28	291.09	237.84	185.07
8	403.04	420.44	417.66	395.11	355.96	305.40	249.53	194.17
9	383.37	399.93	397.30	375.85	338.61	290.52	237.38	184.71
10	330.59	344.90	342.64	324.16	292.06	250.59	204.76	159.33
11	258.47	269.67	267.93	253.50	228.41	195.99	160.15	124.63
12	183.22	191.19	189.97	179.76	161.98	139.00	113.58	88.39
13	117.78	122.91	122.14	115.58	104.16	89.39	73.05	56.85
14	68.66	71.65	71.21	67.40	60.74	52.13	42.60	33.15

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	13.17	9.30	6.25	4.00	2.44	1.41	0.78	0.41
2	24.86	17.55	11.79	7.55	4.60	2.67	1.47	0.78

3	42.55	30.03	20.18	12.91	7.87	4.57	2.52	1.33
4	66.02	46.59	31.31	20.04	12.21	7.09	3.92	2.06
5	92.90	65.56	44.06	28.19	17.18	9.97	5.51	2.90
6	118.53	83.65	56.21	35.97	21.92	12.72	7.03	3.70
7	137.14	96.78	65.04	41.62	25.36	14.72	8.13	4.28
8	143.88	101.53	68.23	43.66	26.61	15.44	8.53	4.49
9	136.88	96.59	64.91	41.54	25.31	14.69	8.12	4.27
10	118.07	83.32	55.99	35.83	21.84	12.67	7.00	3.69
11	92.35	65.17	43.80	28.03	17.08	9.91	5.48	2.88
12	65.51	46.23	31.07	19.88	12.12	7.03	3.89	2.04
13	42.13	29.73	19.98	12.79	7.79	4.52	2.50	1.32
14	24.57	17.34	11.65	7.46	4.55	2.64	1.46	0.77

J-ROW	I-COLUMN					
	25	26	27	28	29	30
1	0.21	0.10	0.04	0.02	0.01	0.00
2	0.39	0.19	0.08	0.04	0.02	0.01
3	0.67	0.32	0.14	0.06	0.03	0.01
4	1.03	0.49	0.22	0.10	0.04	0.02
5	1.45	0.69	0.32	0.14	0.06	0.02
6	1.85	0.88	0.40	0.17	0.07	0.03
7	2.14	1.02	0.47	0.20	0.08	0.03
8	2.25	1.07	0.49	0.21	0.09	0.03
9	2.14	1.02	0.46	0.20	0.08	0.03
10	1.85	0.88	0.40	0.17	0.07	0.03
11	1.44	0.69	0.31	0.14	0.06	0.02
12	1.02	0.49	0.22	0.10	0.04	0.02
13	0.66	0.31	0.14	0.06	0.03	0.01
14	0.38	0.18	0.08	0.04	0.01	0.01

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 2190.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN							
	1	2	3	4	5	6	7	8
1	4.73	7.16	10.40	14.51	19.42	24.96	30.79	36.47
2	8.04	12.16	17.67	24.64	32.99	42.39	52.30	61.94
3	12.59	19.05	27.67	38.58	51.64	66.37	81.88	96.97
4	18.16	27.48	39.92	55.67	74.52	95.77	118.15	139.92
5	24.16	36.55	53.10	74.04	99.12	127.37	157.13	186.08
6	29.61	44.80	65.08	90.75	121.49	156.12	192.58	228.06
7	33.44	50.60	73.51	102.51	137.22	176.34	217.52	257.59
8	34.81	52.67	76.52	106.70	142.83	183.54	226.41	268.11
9	33.39	50.52	73.39	102.34	137.00	176.05	217.17	257.17
10	29.51	44.65	64.87	90.46	121.09	155.61	191.95	227.32
11	24.04	36.37	52.84	73.68	98.63	126.75	156.36	185.17
12	18.04	27.30	39.66	55.31	74.04	95.15	117.38	139.01
13	12.48	18.89	27.44	38.26	51.22	65.83	81.21	96.18
14	7.96	12.05	17.50	24.40	32.66	41.98	51.79	61.34

J-ROW	I-COLUMN							
	9	10	11	12	13	14	15	16
1	41.47	45.27	47.45	47.74	46.11	42.77	38.08	32.55
2	70.43	76.88	80.57	81.06	78.30	72.61	64.65	55.26
3	110.25	120.35	126.11	126.88	122.55	113.64	101.17	86.48
4	159.08	173.63	181.94	183.04	176.78	163.92	145.93	124.73
5	211.55	230.89	241.93	243.37	235.04	217.93	194.00	165.81
6	259.27	282.96	296.48	298.23	288.01	267.04	237.71	203.16
7	292.83	319.58	334.84	336.81	325.26	301.57	268.44	229.42
8	304.79	332.64	348.51	350.56	338.53	313.87	279.39	238.77

9	292.35	319.06	334.29	336.26	324.73	301.07	268.00	229.04
10	258.42	282.04	295.51	297.25	287.07	266.16	236.93	202.49
11	210.51	229.76	240.75	242.18	233.89	216.87	193.05	165.00
12	158.05	172.50	180.76	181.84	175.63	162.85	144.98	123.91
13	109.36	119.37	125.09	125.85	121.55	112.72	100.35	85.77
14	69.74	76.13	79.79	80.27	77.54	71.91	64.02	54.72

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	26.71	21.05	15.92	11.56	8.06	5.40	3.47	2.14
2	45.35	35.73	27.03	19.63	13.68	9.16	5.89	3.63
3	70.96	55.91	42.29	30.71	21.41	14.33	9.21	5.68
4	102.35	80.63	60.99	44.29	30.88	20.67	13.28	8.19
5	136.06	107.19	81.07	58.87	41.05	27.47	17.66	10.89
6	166.70	131.32	99.33	72.13	50.29	33.66	21.63	13.34
7	188.24	148.30	112.16	81.45	56.78	38.01	24.42	15.07
8	195.92	154.3[illegible]	116.74	84.77	59.10	39.56	25.42	15.68
9	187.94	148.0[illegible]	111.98	81.32	56.69	37.[illegible]	24.38	15.04
10	166.16	130.90	99.00	71.89	50.12	33.[illegible]	21.56	13.30
11	135.39	106.66	80.68	58.59	40.85	27.34	17.57	10.84
12	101.68	80.11	60.59	44.00	30.68	20.53	13.20	8.14
13	70.39	55.45	41.95	30.46	21.24	14.22	9.14	5.64
14	44.91	35.38	26.76	19.44	13.55	9.07	5.83	3.60

J-ROW	I-COLUMN 25	26	27	28	29	30
1	1.27	0.72	0.39	0.21	0.10	0.05
2	2.15	1.22	0.67	0.35	0.18	0.09
3	3.37	1.91	1.04	0.55	0.28	0.13
4	4.85	2.76	1.51	0.79	0.40	0.19
5	6.45	3.67	2.00	1.05	0.53	0.26
6	7.90	4.49	2.45	1.29	0.65	0.31
7	8.93	5.08	2.77	1.45	0.73	0.35
8	9.29	5.28	2.88	1.51	0.76	0.37
9	8.91	5.07	2.77	1.45	0.73	0.35
10	7.88	4.48	2.45	1.28	0.65	0.31
11	6.42	3.65	1.99	1.04	0.53	0.25
12	4.82	2.74	1.50	0.78	0.39	0.19
13	3.34	1.90	1.04	0.54	0.27	0.13
14	2.13	1.21	0.66	0.35	0.17	0.08

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 2555.00

VALUES OF CONTAMINANT CONCENTRATI[illegible] MG/L) AT NODES:

J-ROW	I-[illegible]MN 1	2	3	[illegible]	5	6	7	8
1	4.54	6.76	9.74	13.[illegible]	18.19	23.58	29.52	35.68
2	7.14	10.65	15.34	21.[illegible]	28.64	37.13	46.48	56.19
3	10.49	15.64	22.52	31.32	42.05	54.52	68.25	82.51
4	14.36	21.42	30.84	42.89	57.58	74.65	93.46	112.97
5	18.34	27.35	39.38	54.76	73.52	95.31	119.32	144.24
6	21.83	32.55	46.88	65.19	87.52	113.47	142.05	171.70
7	24.23	36.13	52.04	72.36	97.15	125.95	157.67	190.58
8	25.08	37.40	53.85	74.88	100.54	130.34	163.17	197.24
9	24.20	36.08	51.96	72.25	97.01	125.77	157.44	190.32
10	21.77	32.46	46.75	65.00	87.28	113.15	141.65	171.22
11	18.26	27.23	39.21	54.[illegible]3	73.21	94.91	118.82	143.63
12	14.28	21.30	30.67	42.65	57.26	74.24	92.94	112.34
13	[illegible].42	15.53	22.37	31.10	41.76	54.14	67.78	81.94
14	[illegible].08	10.56	15.21	21.15	28.40	36.82	46.[illegible]	55.72

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	41.66	46.96	51.12	53.73	54.54	53.46	50.60	46.25
2	65.59	73.94	80.48	84.60	85.87	84.16	79.66	72.81
3	96.32	108.57	118.17	124.20	126.06	123.56	116.94	106.88
4	131.87	148.64	161.78	170.04	172.58	169.14	160.08	146.31
5	168.36	189.76	206.54	217.07	220.31	215.91	204.34	186.75
6	200.42	225.89	245.85	258.39	262.23	257.00	243.22	222.28
7	222.45	250.72	272.88	286.78	291.05	285.23	269.93	246.69
8	230.22	259.47	282.40	296.79	301.20	295.18	279.35	255.29
9	222.14	250.37	272.50	286.38	290.64	284.83	269.56	246.35
10	199.86	225.26	245.17	257.66	261.50	256.28	242.54	221.66
11	167.65	188.97	205.67	216.16	219.38	215.01	203.48	185.97
12	131.14	147.81	160.88	169.09	171.62	168.20	159.19	145.49
13	95.64	107.81	117.35	123.34	125.18	122.69	116.13	106.14
14	65.05	73.32	79.81	83.89	85.15	83.46	78.99	72.20

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	40.82	34.80	28.64	22.76	17.47	12.95	9.27	6.41
2	64.26	54.77	45.08	35.83	27.50	20.39	14.59	10.09
3	94.33	80.40	66.18	52.60	40.37	29.92	21.42	14.80
4	129.13	110.05	90.58	71.99	55.26	40.95	29.31	20.26
5	164.82	140.47	115.61	91.89	70.52	52.27	37.41	25.86
6	196.17	167.19	137.60	109.36	83.93	62.21	44.52	30.77
7	217.71	185.55	152.70	121.36	93.15	69.04	49.41	34.15
8	225.30	192.01	158.03	125.59	96.39	71.44	51.13	35.34
9	217.41	185.29	152.49	121.19	93.02	68.94	49.34	34.10
10	195.62	166.72	137.21	109.05	83.70	62.03	44.40	30.69
11	164.13	139.88	115.13	91.50	70.23	52.05	37.25	25.75
12	128.41	109.44	90.07	71.59	54.95	40.73	29.15	20.15
13	93.68	79.84	65.71	52.23	40.09	29.71	21.27	14.70
14	63.73	54.32	44.71	35.53	27.27	20.22	14.47	10.00

J-ROW	I-COLUMN 25	26	27	28	29	30
1	4.28	2.76	1.72	1.03	0.60	0.34
2	6.73	4.34	2.70	1.62	0.94	0.53
3	9.88	6.37	3.96	2.38	1.38	0.77
4	13.52	8.72	5.42	3.26	1.89	1.06
5	17.26	11.12	6.92	4.16	2.42	1.35
6	20.54	13.24	8.24	4.95	2.87	1.61
7	22.79	14.69	9.14	5.50	3.19	1.79
8	23.59	15.20	9.46	5.69	3.30	1.85
9	22.76	14.67	9.13	5.49	3.19	1.79
10	20.48	13.20	8.22	4.94	2.87	1.61
11	17.19	11.08	6.89	4.14	2.41	1.35
12	13.45	8.67	5.39	3.24	1.88	1.05
13	9.81	6.32	3.94	2.37	1.37	0.77
14	6.68	4.30	2.68	1.61	0.93	0.52

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 2920.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	4.11	6.06	8.66	12.02	16.18	21.11	26.72	32.80
2	6.11	9.01	12.89	17.88	24.07	31.41	39.76	48.80

3	8.55	12.61	18.04	25.03	33.68	43.96	55.64	68.30
4	11.25	16.60	23.75	32.95	44.34	57.87	73.24	89.91
5	13.93	20.56	29.41	40.80	54.91	71.66	90.70	111.34
6	16.23	23.94	34.25	47.52	63.95	83.46	105.64	129.68
7	17.78	26.23	37.52	52.07	70.06	91.44	115.73	142.07
8	18.32	27.03	38.67	53.65	72.20	94.22	119.26	146.39
9	17.76	26.20	37.48	52.00	69.98	91.32	115.59	141.89
10	16.19	23.88	34.17	47.41	63.79	83.26	105.38	129.36
11	13.88	20.48	29.30	40.65	54.70	71.39	90.36	110.93
12	11.20	16.52	23.63	32.79	44.12	57.58	72.89	89.47
13	8.50	12.53	17.93	24.88	33.48	43.69	55.30	67.88
14	6.06	8.94	12.80	17.75	23.89	31.18	39.46	48.45

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	39.06	45.10	50.51	54.87	57.80	59.06	58.53	56.25
2	58.11	67.10	75.14	81.62	85.98	87.85	87.06	83.68
3	81.32	93.90	105.16	114.22	120.32	122.93	121.82	117.08
4	107.05	123.60	138.42	150.35	158.38	161.81	160.34	154.10
5	132.55	153.05	171.40	186.16	196.10	200.35	198.52	190.80
6	154.38	178.26	199.62	216.81	228.39	233.33	231.21	222.20
7	169.13	195.29	218.69	237.52	250.20	255.61	253.28	243.42
8	174.29	201.24	225.35	244.75	257.82	263.40	261.00	250.83
9	168.93	195.05	218.42	237.23	249.89	255.30	252.97	243.12
10	154.01	177.82	199.13	216.28	227.83	232.76	230.64	221.66
11	132.06	152.49	170.77	185.47	195.38	199.61	197.80	190.10
12	106.52	123.00	137.75	149.61	157.60	161.02	159.56	153.35
13	80.82	93.32	104.51	113.52	119.59	122.18	121.08	116.37
14	57.68	66.61	74.59	81.02	85.35	87.21	86.42	83.06

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	52.44	47.41	41.58	35.36	29.17	23.34	18.11	13.63
2	78.00	70.52	61.84	52.60	43.39	34.72	26.94	20.28
3	109.14	98.68	86.53	73.59	60.71	48.57	37.69	28.37
4	143.65	129.87	113.88	96.86	79.90	63.92	49.60	37.33
5	177.85	160.79	140.99	119.91	98.91	79.13	61.41	46.22
6	207.12	187.25	164.19	139.64	115.19	92.15	71.51	53.82
7	226.89	205.13	179.86	152.97	126.18	100.95	78.33	58.95
8	233.80	211.37	185.34	157.62	130.02	104.02	80.72	60.75
9	226.62	204.88	179.64	152.78	126.02	100.82	78.24	58.88
10	206.61	186.79	163.79	139.30	114.90	91.93	71.33	53.69
11	177.20	160.20	140.47	119.47	98.55	78.84	61.18	46.05
12	142.95	129.24	113.33	96.38	79.51	63.61	49.36	37.15
13	108.47	98.07	86.00	73.14	60.34	48.27	37.46	28.19
14	77.43	70.01	61.39	52.21	43.07	34.46	26.74	20.13

J-ROW	I-COLUMN 25	26	27	28	29	30
1	9.95	7.05	4.84	3.22	2.08	1.30
2	14.80	10.48	7.20	4.79	3.10	1.94
3	20.71	14.66	10.07	6.71	4.33	2.71
4	27.25	19.29	13.25	8.82	5.70	3.57
5	33.74	23.89	16.40	10.92	7.06	4.42
6	39.29	27.81	19.10	12.72	8.22	5.15
7	43.03	30.47	20.92	13.93	9.00	5.64
8	44.34	31.40	21.56	14.36	9.28	5.81
9	42.98	30.43	20.90	13.92	8.99	5.63
10	39.19	27.75	19.05	12.69	8.20	5.14
11	33.61	23.80	16.34	10.88	7.03	4.40
12	27.12	19.20	13.18	8.78	5.67	3.55
13	20.58	14.57	10.01	6.66	4.31	2.70
14	14.69	10.40	7.14	4.76	3.07	1.93

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 3285.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	3.58	5.24	7.46	10.33	13.93	18.27	23.33	28.98
2	5.10	7.46	10.62	14.71	19.83	26.01	33.21	41.26
3	6.88	10.06	14.32	19.83	26.74	35.07	44.77	55.62
4	8.78	12.84	18.28	25.32	34.14	44.78	57.17	71.02
5	10.62	15.53	22.11	30.62	41.28	54.15	69.12	85.87
6	12.16	17.78	25.31	35.06	47.27	62.00	79.15	98.34
7	13.19	19.29	27.45	38.03	51.26	67.24	85.84	106.64
8	13.54	19.81	28.19	39.05	52.65	69.06	88.16	109.52
9	13.17	19.27	27.42	37.99	51.20	67.17	85.75	106.53
10	12.13	17.75	25.26	34.99	47.16	61.87	78.98	98.12
11	10.58	15.48	22.03	30.52	41.14	53.97	68.90	85.59
12	8.74	12.79	18.20	25.21	33.99	44.58	56.92	70.71
13	6.84	10.00	14.24	19.73	26.59	34.88	44.53	55.32
14	5.07	7.41	10.55	14.62	19.70	25.85	32.99	40.99

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	35.04	41.23	47.21	52.61	57.05	60.20	61.83	61.80
2	49.88	58.69	67.20	74.88	81.20	85.69	88.01	87.96
3	67.25	79.12	90.59	100.95	109.46	115.52	118.63	118.57
4	85.86	101.02	115.66	128.88	139.75	147.48	151.46	151.37
5	103.82	122.15	139.85	155.83	168.98	178.31	183.12	183.02
6	118.89	139.87	160.15	178.44	193.49	204.18	209.69	209.57
7	128.93	151.69	173.67	193.51	209.83	221.43	227.39	227.26
8	132.41	155.79	178.37	198.74	215.50	227.41	233.54	233.40
9	128.79	151.52	173.48	193.30	209.60	221.18	227.15	227.01
10	118.63	139.57	159.80	178.05	193.07	203.74	209.23	209.11
11	103.48	121.75	139.40	155.32	168.42	177.73	182.53	182.42
12	85.49	100.58	115.16	128.32	139.15	146.84	150.80	150.71
13	66.88	78.69	90.10	100.40	108.87	114.89	117.99	117.93
14	49.56	58.31	66.76	74.39	80.67	85.13	87.43	87.39

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	60.11	56.90	52.42	47.00	41.01	34.82	28.77	23.14
2	85.56	80.99	74.61	66.89	58.36	49.55	40.95	32.93
3	115.33	109.17	100.57	90.16	78.66	66.79	55.19	44.39
4	147.23	139.36	128.38	115.09	100.42	85.26	70.46	56.66
5	178.01	168.50	155.22	139.15	121.40	103.08	85.18	68.50
6	203.83	192.93	177.73	159.33	139.01	118.03	97.53	78.43
7	221.04	209.22	192.73	172.78	150.74	127.99	105.76	85.05
8	227.01	214.87	197.93	177.44	154.81	131.45	108.62	87.35
9	220.80	208.99	192.52	172.59	150.58	127.85	105.64	84.96
10	203.39	192.51	177.34	158.98	138.71	117.77	97.32	78.26
11	177.43	167.95	154.71	138.70	121.01	102.75	84.90	68.28
12	146.59	138.76	127.82	114.59	99.98	84.89	70.15	56.41
13	114.70	108.58	100.02	89.67	78.24	66.43	54.89	44.15
14	85.00	80.46	74.12	66.45	57.98	49.23	40.68	32.72

J-ROW	I-COLUMN 25	26	27	28	29	30
1	18.11	13.79	10.23	7.38	5.18	3.54
2	25.77	19.63	14.55	10.50	7.37	5.04

3	34.74	26.46	19.61	14.15	9.93	6.79
4	44.34	33.77	25.04	18.06	12.68	8.66
5	53.61	40.83	30.27	21.83	15.33	10.47
6	61.38	46.75	34.65	25.00	17.55	11.99
7	66.56	50.70	37.58	27.11	19.03	13.00
8	68.36	52.07	38.59	27.84	19.54	13.35
9	66.49	50.64	37.54	27.08	19.01	12.99
10	61.25	46.65	34.58	24.94	17.51	11.96
11	53.44	40.70	30.17	21.76	15.26	10.44
12	44.15	33.63	24.93	17.98	12.62	8.63
13	34.55	26.32	19.51	14.07	9.88	6.75
14	25.61	19.50	14.46	10.43	7.32	5.00

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 3650.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	3.05	4.44	6.29	8.70	11.75	15.47	19.89	24.94
2	4.20	6.10	8.64	11.96	16.14	21.26	27.33	34.28
3	5.49	7.98	11.31	15.64	21.12	27.82	35.76	44.85
4	6.84	9.94	14.09	19.49	26.31	34.66	44.55	55.88
5	8.12	11.79	16.72	23.13	31.22	41.12	52.85	66.29
6	9.17	13.32	18.89	26.12	35.26	46.45	59.71	74.89
7	9.86	14.33	20.31	28.10	37.93	49.97	64.23	80.56
8	10.10	14.68	20.81	28.79	38.86	51.18	65.79	82.51
9	9.85	14.32	20.30	28.07	37.90	49.92	64.16	80.48
10	9.15	13.30	18.85	26.07	35.20	46.36	59.59	74.74
11	8.09	11.76	16.67	23.06	31.12	41.00	52.70	66.10
12	6.82	9.90	14.04	19.42	26.21	34.52	44.37	55.66
13	5.46	7.94	11.25	15.57	21.01	27.68	35.58	44.63
14	4.17	6.06	8.59	11.89	16.05	21.14	27.17	34.07

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	30.53	36.46	42.50	48.33	53.64	58.09	61.39	63.31
2	41.95	50.10	58.40	66.41	73.70	79.82	84.35	86.99
3	54.89	65.56	76.40	86.89	96.43	104.43	110.36	113.81
4	68.39	81.68	95.19	108.26	120.14	130.11	137.50	141.79
5	81.14	96.90	112.93	128.44	142.53	154.36	163.12	168.21
6	91.66	109.47	127.58	145.09	161.02	174.37	184.27	190.02
7	98.60	117.75	137.24	156.07	173.20	187.57	198.21	204.40
8	100.99	120.61	140.57	159.86	177.41	192.12	203.02	209.36
9	98.50	117.64	137.10	155.92	173.03	187.38	198.02	204.20
10	91.48	109.25	127.33	144.81	160.70	174.03	183.91	189.65
11	80.90	96.62	112.60	128.06	142.12	153.90	162.64	167.72
12	68.12	81.36	94.82	107.84	119.67	129.60	136.96	141.24
13	54.62	65.24	76.03	86.47	95.96	103.92	109.82	113.26
14	41.71	49.81	58.05	66.02	73.27	79.35	83.86	86.48

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	63.71	62.57	59.96	56.07	51.17	45.57	39.60	33.58
2	87.54	85.97	82.38	77.04	70.30	62.60	54.40	46.13
3	114.53	112.47	107.78	100.78	91.97	81.90	71.17	60.35
4	142.68	140.12	134.27	125.55	114.57	102.02	88.65	75.18
5	169.27	166.22	159.28	148.94	135.91	121.03	105.17	89.18
6	191.21	187.77	179.93	168.25	153.53	136.71	118.80	100.74
7	205.68	201.97	193.54	180.98	165.14	147.05	127.78	108.36
8	210.68	206.88	198.24	185.37	169.15	150.62	130.88	110.99

9	205.48	201.78	193.35	180.80	164.98	146.91	127.66	108.25
10	190.84	187.40	179.58	167.92	153.23	136.44	118.56	100.54
11	168.77	165.73	158.81	148.51	135.51	120.67	104.86	88.92
12	142.13	139.57	133.74	125.06	114.12	101.62	88.31	74.88
13	113.97	111.92	107.25	100.29	91.52	81.50	70.82	60.05
14	87.03	85.46	81.90	76.58	69.89	62.23	54.08	45.86

J-ROW	I-COLUMN 25	26	27	28	29	30
1	27.79	22.44	17.68	13.60	10.20	7.47
2	38.17	30.82	24.29	18.68	14.02	10.26
3	49.94	40.32	31.78	24.43	18.34	13.43
4	62.21	50.23	39.58	30.44	22.84	16.73
5	73.79	59.59	46.96	36.11	27.09	19.84
6	83.36	67.31	53.04	40.79	30.61	22.41
7	89.66	72.40	57.05	43.87	32.92	24.11
8	91.84	74.16	58.44	44.94	33.72	24.69
9	89.57	72.33	57.00	43.83	32.89	24.08
10	83.19	67.18	52.94	40.71	30.55	22.37
11	73.58	59.41	46.82	36.00	27.01	19.78
12	61.96	50.04	39.43	30.32	22.75	16.66
13	49.69	40.13	31.62	24.32	18.25	13.36
14	37.95	30.64	24.15	18.57	13.93	10.20

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 4015.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	2.56	3.70	5.23	7.22	9.76	12.90	16.68	21.08
2	3.42	4.94	6.98	9.64	13.03	17.22	22.26	28.14
3	4.36	6.31	8.91	12.31	16.64	21.99	28.43	35.93
4	5.33	7.70	10.88	15.04	20.32	26.86	34.71	43.88
5	6.23	9.00	12.71	17.56	23.74	31.37	40.55	51.26
6	6.96	10.05	14.20	19.62	26.52	35.05	45.30	57.27
7	7.43	10.74	15.17	20.97	28.34	37.45	48.41	61.19
8	7.60	10.98	15.51	21.43	28.96	38.28	49.48	62.54
9	7.43	10.73	15.16	20.95	28.31	37.42	48.37	61.14
10	6.94	10.03	14.18	19.59	26.47	34.99	45.22	57.17
11	6.21	8.97	12.68	17.52	23.67	31.29	40.44	51.12
12	5.31	7.67	10.84	14.98	20.25	26.76	34.59	43.73
13	4.35	6.28	8.87	12.26	16.57	21.89	28.30	35.77
14	3.40	4.91	6.94	9.59	12.96	17.13	22.14	27.99

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	26.06	31.51	37.26	43.10	48.74	53.92	58.33	61.71
2	34.79	42.07	49.74	57.53	65.07	71.97	77.86	82.38
3	44.42	53.71	63.51	73.45	83.07	91.89	99.41	105.17
4	54.25	65.60	77.56	89.70	101.45	112.22	121.40	128.44
5	63.37	76.62	90.60	104.78	118.50	131.08	141.80	150.02
6	70.80	85.60	101.22	117.06	132.39	146.44	158.41	167.60
7	75.65	91.47	108.16	125.08	141.47	156.48	169.28	179.09
8	77.32	93.49	110.55	127.84	144.59	159.93	173.01	183.04
9	75.59	91.39	108.07	124.97	141.34	156.34	169.13	178.93
10	70.67	85.45	101.04	116.85	132.16	146.18	158.13	167.30
11	63.20	76.42	90.36	104.50	118.19	130.73	141.42	149.62
12	54.06	65.36	77.29	89.38	101.09	111.82	120.97	127.98
13	44.23	53.47	63.23	73.13	82.71	91.48	98.97	104.71
14	34.61	41.84	49.48	57.22	64.72	71.59	77.45	81.94

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	63.86	64.63	63.96	61.91	58.61	54.26	49.14	43.51
2	85.24	86.26	85.37	82.64	78.23	72.43	65.58	58.08
3	108.83	110.13	109.00	105.50	99.87	92.47	83.73	74.15
4	132.90	134.49	133.10	128.83	121.96	112.92	102.24	90.54
5	155.23	157.08	155.46	150.48	142.45	131.89	119.42	105.75
6	173.42	175.49	173.68	168.11	159.14	147.34	133.41	118.14
7	185.31	187.52	185.59	179.63	170.05	157.44	142.55	126.24
8	189.39	191.65	189.68	183.59	173.80	160.91	145.70	129.02
9	185.14	187.35	185.42	179.48	169.90	157.30	142.43	126.13
10	173.11	175.18	173.37	167.81	158.86	147.08	133.17	117.93
11	154.81	156.66	155.05	150.08	142.07	131.53	119.10	105.47
12	132.42	134.01	132.63	128.38	121.53	112.52	101.88	90.22
13	108.34	109.64	108.51	105.03	99.43	92.06	83.36	73.82
14	84.78	85.80	84.92	82.20	77.81	72.04	65.23	57.77

J-ROW	I-COLUMN 25	26	27	28	29	30
1	37.69	31.93	26.45	21.43	16.98	13.16
2	50.30	42.61	35.30	28.60	22.67	17.57
3	64.22	54.40	45.07	36.52	28.94	22.42
4	78.42	66.43	55.03	44.59	35.33	27.38
5	91.59	77.59	64.27	52.08	41.27	31.98
6	102.32	86.67	71.80	58.18	46.10	35.73
7	109.34	92.61	76.72	62.16	49.26	38.18
8	111.75	94.66	78.42	63.53	50.35	39.02
9	109.24	92.53	76.66	62.11	49.22	38.14
10	102.14	86.52	71.68	58.07	46.02	35.66
11	91.35	77.38	64.10	51.94	41.16	31.90
12	78.14	66.19	54.84	44.43	35.21	27.29
13	63.94	54.16	44.87	36.35	28.81	22.33
14	50.04	42.38	35.11	28.45	22.54	17.47

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 4380.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	2.12	3.05	4.30	5.94	8.03	10.65	13.82	17.59
2	2.77	3.98	5.60	7.74	10.47	13.87	18.02	22.92
3	3.46	4.98	7.01	9.68	13.09	17.36	22.54	28.68
4	4.16	5.98	8.42	11.63	15.73	20.85	27.07	34.44
5	4.79	6.89	9.71	13.41	18.13	24.04	31.21	39.71
6	5.30	7.63	10.75	14.84	20.07	26.62	34.55	43.96
7	5.64	8.11	11.42	15.77	21.33	28.27	36.72	46.72
8	5.75	8.27	11.65	16.09	21.76	28.84	37.46	47.66
9	5.63	8.10	11.41	15.76	21.32	28.25	36.69	46.68
10	5.30	7.62	10.73	14.82	20.04	26.56	34.49	43.89
11	4.78	6.88	9.69	13.37	18.09	23.98	31.14	39.62
12	4.14	5.96	8.39	11.59	15.68	20.78	26.98	34.33
13	3.45	4.96	6.98	9.64	13.04	17.29	22.45	28.56
14	2.75	3.96	5.58	7.70	10.42	13.81	17.93	22.81

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	21.93	26.79	32.06	37.60	43.20	48.64	53.65	57.99
2	28.58	34.91	41.78	49.00	56.30	63.38	69.92	75.57

3	35.75	43.67	52.27	61.30	70.43	79.29	87.47	94.54
4	42.94	52.45	62.78	73.62	84.59	95.23	105.05	113.54
5	49.51	60.48	72.38	84.88	97.53	109.80	121.12	130.91
6	54.81	66.95	80.12	93.96	107.96	121.54	134.07	144.91
7	58.24	71.14	85.15	99.85	114.73	129.16	142.48	153.99
8	59.42	72.58	86.87	101.87	117.04	131.77	145.35	157.10
9	58.19	71.08	85.08	99.77	114.63	129.06	142.36	153.86
10	54.72	66.84	79.99	93.81	107.78	121.35	133.85	144.67
11	49.39	60.33	72.21	84.68	97.29	109.53	120.83	130.59
12	42.80	52.28	62.57	73.38	84.31	94.92	104.71	113.17
13	35.61	43.49	52.06	61.05	70.14	78.97	87.11	94.15
14	28.44	34.74	41.58	48.76	56.02	63.07	69.57	75.20

J-ROW	I-COLUMN							
	17	18	19	20	21	22	23	24
1	61.41	63.73	64.79	64.55	63.00	60.26	56.47	51.85
2	80.03	83.04	84.43	84.11	82.10	78.52	73.58	67.56
3	100.11	103.88	105.62	105.22	102.70	98.22	92.04	84.51
4	120.24	124.76	126.85	126.36	123.34	117.96	110.54	101.50
5	138.64	143.85	146.25	145.69	142.21	136.01	127.45	117.02
6	153.46	159.23	161.89	161.27	157.41	150.54	141.07	129.53
7	163.07	169.21	172.03	171.37	167.27	159.98	149.91	137.64
8	166.37	172.63	175.51	174.83	170.65	163.21	152.94	140.42
9	162.94	169.07	171.89	171.24	167.14	159.85	149.79	137.53
10	153.21	158.97	161.63	161.01	157.15	150.30	140.84	129.32
11	138.30	143.50	145.90	145.34	141.86	135.67	127.14	116.73
12	119.85	124.36	126.43	125.95	122.94	117.58	110.18	101.16
13	99.71	103.46	105.19	104.79	102.28	97.82	91.67	84.17
14	79.64	82.63	84.02	83.70	81.69	78.13	73.22	67.23

J-ROW	I-COLUMN					
	25	26	27	28	29	30
1	46.65	41.12	35.52	30.06	24.93	20.25
2	60.78	53.58	46.28	39.17	32.48	26.39
3	76.03	67.02	57.89	48.99	40.63	33.01
4	91.31	80.49	69.52	58.84	48.79	39.64
5	105.28	92.80	80.16	67.84	56.25	45.71
6	116.53	102.72	88.72	75.09	62.26	50.59
7	123.83	109.16	94.28	79.79	66.16	53.76
8	126.33	111.36	96.19	81.40	67.50	54.84
9	123.73	109.07	94.21	79.73	66.11	53.72
10	116.34	102.56	88.58	74.96	62.16	50.51
11	105.02	92.58	79.96	67.67	56.11	45.59
12	91.01	80.23	69.30	58.65	48.63	39.51
13	75.72	66.75	57.65	48.79	40.46	32.88
14	60.48	53.32	46.05	38.97	32.32	26.26

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 4745.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN							
	1	2	3	4	5	6	7	8
1	1.74	2.50	3.51	4.85	6.56	8.72	11.37	14.54
2	2.23	3.19	4.49	6.19	8.38	11.13	14.51	18.57
3	2.74	3.92	5.52	7.61	10.30	13.69	17.85	22.83
4	3.24	4.65	6.53	9.01	12.20	16.21	21.13	27.04
5	3.70	5.30	7.45	10.28	13.91	18.49	24.10	30.84
6	4.06	5.82	8.18	11.29	15.28	20.30	26.47	33.87
7	4.30	6.16	8.66	11.94	16.17	21.48	28.00	35.82
8	4.38	6.27	8.82	12.16	16.47	21.88	28.52	36.49

9	4.30	6.15	8.65	11.93	16.15	21.46	27.98	35.79
10	4.06	5.81	8.17	11.27	15.26	20.27	26.43	33.82
11	3.69	5.29	7.43	10.26	13.88	18.44	24.05	30.77
12	3.23	4.63	6.51	8.99	12.16	16.16	21.07	26.96
13	2.73	3.91	5.50	7.58	10.26	13.64	17.78	22.75
14	2.22	3.18	4.47	6.16	8.34	11.08	14.45	18.48

J-ROW	I-COLUMN							
	9	10	11	12	13	14	15	16
1	18.26	22.50	27.20	32.28	37.59	42.95	48.17	53.01
2	23.31	28.72	34.73	41.21	47.99	54.84	61.50	67.69
3	28.67	35.32	42.71	50.68	59.01	67.44	75.63	83.23
4	33.95	41.83	50.58	60.01	69.88	79.86	89.56	98.56
5	38.72	47.70	57.68	68.44	79.70	91.08	102.14	112.40
6	42.52	52.39	63.35	75.17	87.53	100.03	112.18	123.45
7	44.98	55.42	67.01	79.51	92.59	105.80	118.65	130.58
8	45.81	56.45	68.25	80.99	94.31	107.77	120.86	133.01
9	44.94	55.37	66.96	79.45	92.52	105.72	118.56	130.48
10	42.46	52.31	63.25	75.06	87.40	99.88	112.01	123.27
11	38.63	47.59	57.55	68.29	79.52	90.87	101.91	112.15
12	33.85	41.70	50.42	59.83	69.67	79.62	89.29	98.26
13	28.56	35.19	42.55	50.49	58.79	67.18	75.34	82.92
14	23.21	28.59	34.57	41.03	47.77	54.59	61.23	67.38

J-ROW	I-COLUMN							
	17	18	19	20	21	22	23	24
1	57.25	60.68	63.12	64.43	64.54	63.44	61.20	57.94
2	73.10	77.48	80.59	82.26	82.40	81.00	78.14	73.98
3	89.89	95.27	99.09	101.15	101.32	99.60	96.08	90.96
4	106.45	112.82	117.34	119.78	119.98	117.94	113.78	107.72
5	121.40	128.66	133.82	136.60	136.83	134.50	129.75	122.84
6	133.33	141.31	146.98	150.02	150.28	147.72	142.51	134.91
7	141.02	149.47	155.46	158.68	158.95	156.25	150.73	142.70
8	143.65	152.25	158.35	161.63	161.91	159.16	153.54	145.35
9	140.92	149.35	155.34	158.56	158.83	156.13	150.62	142.59
10	133.13	141.10	146.76	149.80	150.05	147.50	142.29	134.71
11	121.12	128.37	133.52	136.29	136.52	134.20	129.46	122.56
12	106.13	112.48	116.99	119.42	119.62	117.59	113.44	107.39
13	89.55	94.91	98.72	100.77	100.94	99.22	95.72	90.62
14	72.77	77.13	80.22	81.89	82.03	80.64	77.79	73.64

J-ROW	I-COLUMN					
	25	26	27	28	29	30
1	53.83	49.08	43.92	38.56	33.23	28.10
2	68.73	62.67	56.07	49.24	42.43	35.88
3	84.51	77.05	68.95	60.54	52.17	44.12
4	100.08	91.24	81.64	71.69	61.78	52.24
5	114.13	104.06	93.10	81.75	70.45	59.58
6	125.34	114.28	102.25	89.79	77.37	65.43
7	132.57	120.87	108.15	94.97	81.83	69.20
8	135.04	123.12	110.17	96.74	83.36	70.49
9	132.47	120.78	108.07	94.90	81.77	69.15
10	125.15	114.11	102.10	89.65	77.25	65.33
11	113.87	103.82	92.89	81.57	70.29	59.44
12	99.77	90.97	81.40	71.47	61.59	52.08
13	84.19	76.76	68.69	60.31	51.97	43.95
14	68.42	62.38	55.82	49.02	42.24	35.72

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 5110.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	1.43	2.04	2.86	3.94	5.33	7.10	9.29	11.94
2	1.79	2.55	3.58	4.94	6.69	8.91	11.65	14.98
3	2.17	3.09	4.34	5.99	8.11	10.79	14.12	18.15
4	2.54	3.62	5.08	7.00	9.49	12.63	16.52	21.24
5	2.87	4.09	5.74	7.91	10.72	14.27	18.66	23.99
6	3.13	4.46	6.26	8.63	11.69	15.57	20.36	26.18
7	3.29	4.70	6.60	9.09	12.32	16.40	21.45	27.58
8	3.35	4.78	6.71	9.25	12.53	16.68	21.82	28.05
9	3.29	4.70	6.59	9.09	12.31	16.39	21.44	27.56
10	3.12	4.46	6.25	8.62	11.68	15.54	20.33	26.14
11	2.86	4.08	5.73	7.90	10.70	14.24	18.63	23.94
12	2.53	3.61	5.07	6.98	9.46	12.59	16.47	21.18
13	2.16	3.08	4.33	5.96	8.08	10.76	14.07	18.09
14	1.78	2.54	3.57	4.92	6.66	8.87	11.60	14.92

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	15.08	18.72	22.84	27.37	32.24	37.32	42.45	47.44
2	18.92	23.49	28.65	34.34	40.45	46.82	53.26	59.53
3	22.93	28.46	34.72	41.61	49.01	56.73	64.53	72.12
4	26.83	33.30	40.62	48.69	57.35	66.38	75.50	84.39
5	30.31	37.62	45.89	55.01	64.79	74.99	85.30	95.34
6	33.06	41.04	50.06	60.01	70.68	81.81	93.06	104.01
7	34.83	43.24	52.74	63.22	74.46	86.19	98.03	109.57
8	35.44	43.99	53.65	64.31	75.75	87.68	99.73	111.47
9	34.81	43.21	52.71	63.18	74.41	86.13	97.96	109.50
10	33.02	40.99	49.99	59.93	70.59	81.70	92.93	103.86
11	30.24	37.54	45.79	54.89	64.65	74.84	85.12	95.14
12	26.75	33.21	40.50	48.55	57.19	66.19	75.29	84.15
13	22.85	28.36	34.59	41.47	48.84	56.54	64.30	71.87
14	18.84	23.39	28.53	34.20	40.28	46.63	53.04	59.28

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	52.11	56.24	59.65	62.17	63.68	64.09	63.38	61.60
2	65.38	70.57	74.85	78.01	79.89	80.41	79.53	77.29
3	79.22	85.50	90.68	94.51	96.80	97.42	96.35	93.64
4	92.68	100.03	106.10	110.58	113.25	113.98	112.73	109.56
5	104.71	113.02	119.87	124.93	127.95	128.77	127.36	123.78
6	114.24	123.30	130.77	136.29	139.59	140.49	138.94	135.03
7	120.35	129.89	137.76	143.58	147.05	148.00	146.37	142.25
8	122.43	132.13	140.14	146.06	149.59	150.55	148.90	144.71
9	120.26	129.80	137.67	143.48	146.95	147.89	146.27	142.15
10	114.08	123.12	130.59	136.10	139.39	140.29	138.75	134.84
11	104.49	112.78	119.61	124.67	127.68	128.50	127.09	123.52
12	92.42	99.75	105.80	110.27	112.94	113.66	112.41	109.25
13	78.94	85.20	90.37	94.18	96.46	97.08	96.02	93.32
14	65.11	70.27	74.53	77.68	79.56	80.07	79.19	76.97

J-ROW	I-COLUMN 25	26	27	28	29	30
1	58.83	55.22	50.92	46.15	41.10	35.97
2	73.82	69.28	63.89	57.90	51.57	45.13
3	89.43	83.93	77.41	70.15	62.48	54.68
4	104.63	98.20	90.56	82.08	73.10	63.97
5	118.21	110.94	102.32	92.73	82.58	72.27
6	128.96	121.03	111.62	101.16	90.09	78.84
7	135.86	127.50	117.59	106.57	94.91	83.06
8	138.20	129.70	119.62	108.41	96.55	84.49

9	135.76	127.41	117.51	106.49	94.84	83.00
10	128.78	120.86	111.46	101.02	89.96	78.73
11	117.96	110.71	102.10	92.53	82.41	72.12
12	104.34	97.92	90.31	81.85	72.89	63.79
13	89.12	83.64	77.14	69.91	62.26	54.49
14	73.51	68.99	63.62	57.66	51.35	44.94

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 5475.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	1.16	1.65	2.31	3.19	4.32	5.76	7.56	9.75
2	1.43	2.04	2.86	3.94	5.34	7.12	9.34	12.05
3	1.71	2.44	3.42	4.71	6.38	8.51	11.17	14.42
4	1.99	2.83	3.96	5.45	7.39	9.86	12.93	16.69
5	2.22	3.17	4.44	6.11	8.28	11.05	14.49	18.71
6	2.41	3.44	4.81	6.63	8.98	11.98	15.72	20.29
7	2.53	3.61	5.05	6.96	9.43	12.58	16.50	21.30
8	2.57	3.66	5.13	7.07	9.58	12.78	16.77	21.65
9	2.53	3.60	5.05	6.95	9.43	12.57	16.49	21.29
10	2.41	3.43	4.80	6.62	8.97	11.97	15.70	20.26
11	2.22	3.16	4.43	6.10	8.27	11.03	14.47	18.67
12	1.98	2.82	3.95	5.44	7.37	9.83	12.90	16.65
13	1.71	2.43	3.41	4.69	6.36	8.49	11.13	14.37
14	1.43	2.03	2.85	3.92	5.32	7.09	9.30	12.01

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	12.38	15.47	19.02	22.99	27.36	32.02	36.87	41.76
2	15.31	19.12	23.50	28.42	33.81	39.57	45.56	51.61
3	18.31	22.87	28.11	34.00	40.44	47.33	54.50	61.74
4	21.20	26.48	32.55	39.36	46.82	54.80	63.10	71.48
5	23.76	29.68	36.48	44.11	52.47	61.41	70.71	80.10
6	25.77	32.19	39.57	47.84	56.91	66.61	76.70	86.88
7	27.05	33.79	41.54	50.23	59.75	69.93	80.52	91.21
8	27.49	34.34	42.21	51.04	60.71	71.06	81.82	92.68
9	27.03	33.77	41.51	50.19	59.71	69.88	80.47	91.15
10	25.73	32.15	39.51	47.78	56.84	66.52	76.60	86.77
11	23.71	29.62	36.41	44.02	52.37	61.29	70.57	79.95
12	21.14	26.41	32.47	39.26	46.70	54.66	62.94	71.29
13	18.25	22.80	28.02	33.88	40.31	47.18	54.32	61.54
14	15.25	19.05	23.41	28.31	33.68	39.41	45.38	51.41

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	46.54	51.03	55.05	58.42	61.00	62.66	63.32	62.95
2	57.52	63.07	68.03	72.20	75.38	77.43	78.25	77.80
3	68.81	75.44	81.38	86.36	90.17	92.62	93.60	93.06
4	79.66	87.35	94.22	99.99	104.40	107.24	108.37	107.75
5	89.27	97.88	105.59	112.05	116.99	120.17	121.44	120.74
6	96.83	106.17	114.52	121.54	126.89	130.34	131.72	130.96
7	101.65	111.46	120.23	127.59	133.22	136.84	138.28	137.49
8	103.29	113.25	122.17	129.65	135.36	139.04	140.51	139.70
9	101.59	111.38	120.15	127.51	133.13	136.75	138.19	137.40
10	96.70	106.03	114.37	121.38	126.73	130.17	131.55	130.79
11	89.10	97.69	105.38	111.83	116.76	119.94	121.21	120.51
12	79.46	87.12	93.97	99.73	104.13	106.96	108.09	107.47
13	68.58	75.20	81.11	86.08	89.88	92.32	93.30	92.76
14	57.30	62.82	67.77	71.92	75.09	77.13	77.95	77.50

J-ROW	I-COLUMN 25	26	27	28	29	30
1	61.58	59.26	56.11	52.26	47.89	43.18
2	76.10	73.23	69.34	64.58	59.18	53.36
3	91.03	87.60	82.94	77.25	70.79	63.82
4	105.39	101.42	96.02	89.44	81.96	73.89
5	118.10	113.65	107.60	100.23	91.84	82.80
6	128.10	123.27	116.71	108.71	99.62	89.81
7	134.48	129.41	122.52	114.12	104.58	94.28
8	136.65	131.50	124.50	115.96	106.26	95.80
9	134.39	129.33	122.44	114.05	104.51	94.22
10	127.93	123.11	116.56	108.57	99.49	89.69
11	117.87	113.43	107.39	100.03	91.66	82.64
12	105.12	101.16	95.77	89.21	81.75	73.70
13	90.73	87.32	82.67	77.00	70.56	63.62
14	75.80	72.95	69.07	64.33	58.95	53.15

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 5840.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.94	1.34	1.87	2.57	3.49	4.66	6.13	7.94
2	1.15	1.63	2.28	3.14	4.25	5.68	7.47	9.68
3	1.36	1.93	2.69	3.71	5.03	6.72	8.84	11.45
4	1.56	2.21	3.09	4.26	5.77	7.71	10.14	13.14
5	1.73	2.46	3.44	4.74	6.42	8.58	11.28	14.62
6	1.87	2.65	3.71	5.11	6.93	9.26	12.18	15.77
7	1.96	2.78	3.88	5.35	7.25	9.69	12.74	16.51
8	1.99	2.82	3.94	5.43	7.36	9.83	12.94	16.76
9	1.95	2.78	3.88	5.35	7.25	9.68	12.74	16.50
10	1.87	2.65	3.71	5.10	6.92	9.25	12.16	15.75
11	1.73	2.45	3.43	4.73	6.41	8.56	11.26	14.59
12	1.55	2.20	3.08	4.25	5.76	7.69	10.12	13.10
13	1.35	1.92	2.69	3.70	5.02	6.70	8.81	11.41
14	1.14	1.62	2.27	3.12	4.24	5.66	7.44	9.64

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	10.12	12.72	15.74	19.18	23.01	27.20	31.65	36.28
2	12.35	15.51	19.19	23.39	28.07	33.17	38.60	44.25
3	14.61	18.35	22.70	27.67	33.20	39.23	45.66	52.34
4	16.76	21.05	26.05	31.74	38.09	45.01	52.39	60.04
5	18.64	23.42	28.98	35.32	42.38	50.08	58.29	66.81
6	20.12	25.28	31.28	38.11	45.73	54.05	62.90	72.10
7	21.06	26.46	32.74	39.89	47.87	56.57	65.84	75.46
8	21.38	26.86	33.23	40.49	48.59	57.42	66.83	76.60
9	21.05	26.44	32.72	39.86	47.84	56.53	65.80	75.41
10	20.10	25.25	31.24	38.06	45.68	53.98	62.83	72.01
11	18.61	23.38	28.93	35.25	42.30	49.99	58.18	66.69
12	16.72	21.00	25.98	31.66	37.99	44.90	52.26	59.90
13	14.56	18.29	22.64	27.58	33.10	39.11	45.52	52.18
14	12.30	15.46	19.12	23.30	27.96	33.05	38.46	44.08

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	40.95	45.52	49.84	53.74	57.06	59.67	61.45	62.32
2	49.94	55.52	60.78	65.54	69.59	72.77	74.94	76.00

3	.08	6[illegible].8	71.90	77.52	82.31	86.08	88.64	89.90
4	67.78	7[illegible].4	82.49	88.93	94.43	98.75	101.69	103.14
5	75.41	8[illegible].3	91.78	98.95	105.07	109.87	113.15	114.76
6	81.38	90.47	99.04	106.79	113.39	118.57	122.11	123.84
7	85.18	94.69	103.66	111.77	118.68	124.10	127.80	129.61
8	86.46	96.12	105.23	113.45	120.47	125.97	129.73	131.57
9	85.13	94.63	103.60	111.70	118.60	124.02	127.72	129.54
10	81.28	90.36	98.92	106.66	113.25	118.42	12[illegible].96	123.69
11	75.28	83.68	91.61	98.77	104.88	109.67	112.94	114.55
12	67.61	7[illegible].16	82.28	88.72	94.20	98.51	101.44	102.89
13	58.90	6[illegible].47	71.68	77.28	82.06	85.81	88.37	89.63
14	49.76	55.32	60.56	65.30	69.33	72.50	74.67	7[illegible].73

J-ROW	I-COLUMN 25	26	27	28	29	30
1	62.25	61.23	59.32	56.59	53.17	49.20
2	75.92	74.68	72.34	69.02	64.85	60.00
3	89.80	88.33	85.57	81.64	76.70	70.97
4	103.02	101.33	98.17	93.65	87.99	81.42
5	114.62	112.75	109.22	104.20	97.91	90.59
6	123.69	121.67	117.87	112.45	105.65	97.76
7	129.46	127.35	123.36	117.69	110.58	102.32
8	131.42	129.27	125.23	119.47	112.25	103.87
9	129.38	127.27	123.29	117.62	[illegible]0.51	102.26
10	123.54	121.52	117.72	112.31	[illegible]5.53	97.64
11	114.41	112.54	109.02	104.01	[illegible]7.73	90.43
12	102.76	101.09	97.93	93.42	87.78	81.22
13	89.52	8[illegible].06	85.31	81.39	76.47	70.76
14	75.64	74.40	72.08	68.76	64.61	59.78

NODAL COMPUTATION RESULTS:

SIM[illegible]ION PERIOD DURATION IN DAYS: 6205.00

VAL[illegible] OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.76	1.08	1.50	2.07	2.81	3.76	4.95	6.44
2	0.92	1.30	1.81	2.50	3.39	4.53	5.97	7.76
3	1.07	1.52	2.12	2.92	3.97	5.31	7.00	9.09
4	1.22	1.73	2.42	3.33	4.52	6.04	7.96	10.35
5	1.35	1.91	2.67	3.68	4.99	6.68	8.80	11.44
6	1.45	2.06	2.87	3.95	5.36	7.17	9.46	12.29
7	1.52	2.15	3.00	4.13	5.60	7.49	9.87	12.83
8	1.54	2.18	3.04	4.19	5.68	7.59	10.01	13.01
9	1.51	2.15	3.00	4.12	5.60	7.48	9.87	12.82
10	1.45	2.05	2.87	3.95	5.36	7.17	9.45	12.28
11	1.35	1.91	2.67	3.67	4.98	6.67	8.79	11.42
12	1.22	1.73	2.41	3.32	4.51	6.03	7.94	10.32
13	1.07	1.52	2.12	2.92	3.96	5.29	6.98	9.07
14	0.91	1.29	1.81	2.49	3.38	4.52	5.95	7.74

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	8.25	10.41	12.96	15.90	19.23	22.92	26.93	31.18
2	9.94	12.55	15.62	19.17	23.18	27.63	32.46	37.59
3	11.65	14.70	18.30	22.45	27.15	32.36	38.02	44.03
4	13.25	[illegible].73	20.82	25.55	30.89	36.82	43.26	50.10
5	14.65	[illegible]50	23.03	28.25	34.16	40.71	47.83	55.40
6	15.74	[illegible].68	24.74	30.35	36.70	43.74	51.39	59.52
7	16.43	20.75	25.82	31.68	38.30	45.66	53.64	62.12
8	16.67	21.04	26.19	32.13	38.85	46.31	54.40	63.01

9	16.42	20.74	25.81	31.66	38.28	45.63	53.61	62.09
10	15.72	19.85	24.71	30.31	36.65	43.69	51.33	59.45
11	14.63	18.47	22.99	28.20	34.10	40.64	47.75	55.30
12	13.22	16.69	20.78	25.49	30.82	36.74	43.16	49.99
13	11.61	14.66	18.25	22.38	27.07	32.26	37.91	43.90
14	9.91	12.51	15.57	19.10	23.10	27.53	32.35	37.46

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	35.60	40.06	44.43	48.58	52.35	55.61	58.24	60.11
2	42.91	48.29	53.56	58.56	63.11	67.04	70.20	72.46
3	50.26	56.56	62.73	68.58	73.91	78.52	82.22	84.87
4	57.20	64.36	71.39	78.05	84.11	89.35	93.57	96.58
5	63.24	71.16	78.93	86.30	93.00	98.80	103.46	106.78
6	67.94	76.45	84.80	92.71	99.92	106.14	111.14	114.72
7	70.92	79.80	88.52	96.78	104.30	110.79	116.02	119.75
8	71.93	80.94	89.77	98.15	105.78	112.37	117.66	121.45
9	70.88	79.76	88.46	96.72	104.24	110.73	115.95	119.68
10	67.86	76.36	84.70	92.61	99.80	106.02	111.02	114.59
11	63.13	71.04	78.80	86.15	92.84	98.63	103.28	106.60
12	57.06	64.21	71.22	77.87	83.92	89.15	93.35	96.35
13	50.12	56.39	62.55	68.39	73.70	78.29	81.98	84.62
14	42.76	48.12	53.37	58.36	62.89	66.81	69.96	72.21

J-ROW	I-COLUMN 25	26	27	28	29	30
1	61.16	61.33	60.63	59.08	56.75	53.73
2	73.72	73.93	73.09	71.22	68.41	64.77
3	86.34	86.59	85.60	83.41	80.12	75.86
4	98.26	98.54	97.41	94.92	91.18	86.32
5	108.64	108.96	107.71	104.96	100.81	95.45
6	116.72	117.05	115.71	112.76	108.30	102.54
7	121.83	122.18	120.79	117.70	113.05	107.03
8	123.56	123.92	122.50	119.37	114.66	108.55
9	121.76	122.11	120.72	117.63	112.98	106.97
10	116.58	116.92	115.58	112.63	108.18	102.42
11	108.46	108.77	107.52	104.77	100.64	95.28
12	98.03	98.31	97.19	94.71	90.97	86.13
13	86.10	86.34	85.36	83.17	79.89	75.64
14	73.47	73.68	72.84	70.97	68.17	64.55

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 6570.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.61	0.87	1.21	1.67	2.26	3.03	4.00	5.21
2	0.73	1.04	1.44	1.99	2.70	3.61	4.77	6.22
3	0.85	1.20	1.68	2.31	3.13	4.19	5.54	7.22
4	0.96	1.36	1.89	2.61	3.54	4.74	6.26	8.16
5	1.06	1.49	2.08	2.87	3.89	5.21	6.88	8.97
6	1.13	1.60	2.23	3.07	4.16	5.58	7.37	9.60
7	1.18	1.66	2.32	3.19	4.34	5.81	7.67	10.00
8	1.19	1.69	2.35	3.24	4.39	5.88	7.77	10.13
9	1.18	1.66	2.32	3.19	4.33	5.80	7.67	9.99
10	1.13	1.60	2.23	3.06	4.16	5.57	7.36	9.59
11	1.05	1.49	2.08	2.86	3.89	5.20	6.87	8.96
12	0.96	1.36	1.89	2.60	3.53	4.73	6.25	8.14
13	0.85	1.20	1.67	2.30	3.12	4.18	5.53	7.20
14	0.73	1.03	1.44	1.98	2.69	3.60	4.76	6.20

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	6.70	8.50	10.63	13.12	15.98	19.19	22.73	26.57
2	7.99	10.14	12.68	15.65	19.06	22.89	27.12	31.70
3	9.28	11.77	14.73	18.17	22.13	26.58	31.49	36.80
4	10.49	13.30	16.64	20.53	25.00	30.03	35.58	41.58
5	11.53	14.62	18.29	22.58	27.49	33.02	39.12	45.72
6	12.34	15.65	19.58	24.16	29.42	35.33	41.86	48.93
7	12.85	16.30	20.39	25.16	30.63	36.79	43.59	50.95
8	13.02	16.51	20.66	25.50	31.04	37.28	44.18	51.63
9	12.84	16.29	20.37	25.15	30.61	36.77	43.57	50.92
10	12.33	15.63	19.56	24.13	29.38	35.29	41.81	48.87
11	11.51	14.60	18.27	22.54	27.44	32.96	39.06	45.65
12	10.46	13.27	16.60	20.49	24.95	29.96	35.50	41.49
13	9.26	11.74	14.69	18.13	22.07	26.50	31.40	36.70
14	7.97	10.11	12.64	15.60	19.00	22.82	27.03	31.60

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	30.64	34.85	39.11	43.29	47.28	50.93	54.13	56.75
2	36.55	41.58	46.66	51.65	56.40	60.76	64.57	67.70
3	42.44	48.27	54.17	59.96	65.48	70.54	74.97	78.60
4	47.95	54.54	61.20	67.75	73.99	79.70	84.70	88.80
5	52.72	59.97	67.30	74.49	81.35	87.64	93.14	97.64
6	56.42	64.17	72.01	79.71	87.05	93.78	99.66	104.48
7	58.75	66.83	74.99	83.01	90.65	97.65	103.78	108.80
8	59.54	67.72	75.99	84.12	91.86	98.96	105.17	110.26
9	58.72	66.79	74.95	82.96	90.60	97.60	103.72	108.74
10	56.35	64.10	71.93	79.63	86.95	93.67	99.55	104.37
11	52.64	59.87	67.19	74.37	81.22	87.49	92.98	97.49
12	47.84	54.42	61.07	67.60	73.82	79.53	84.52	88.61
13	42.32	48.14	54.02	59.80	65.30	70.35	74.77	78.39
14	36.43	41.44	46.51	51.48	56.22	60.56	64.36	67.48

J-ROW	I-COLUMN 25	26	27	28	29	30
1	58.69	59.88	60.27	59.85	58.62	56.65
2	70.02	71.44	71.91	71.40	69.94	67.58
3	81.29	82.94	83.48	82.89	81.19	78.46
4	91.85	93.71	94.32	93.65	91.73	88.64
5	100.99	103.04	103.71	102.97	100.87	97.47
6	108.06	110.25	110.97	110.19	107.93	104.29
7	112.53	114.81	115.56	114.74	112.39	108.60
8	114.04	116.35	117.11	116.28	113.90	110.06
9	112.47	114.75	115.50	114.68	112.33	108.55
10	107.94	110.13	110.85	110.07	107.81	104.18
11	100.82	102.87	103.54	102.81	100.70	97.31
12	91.65	93.51	94.11	93.45	91.54	88.45
13	81.07	82.71	83.25	82.67	80.97	78.24
14	69.79	71.21	71.67	71.16	69.71	67.36

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 6935.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.49	0.70	0.97	1.34	1.82	2.44	3.22	4.21
2	0.58	0.83	1.15	1.58	2.15	2.88	3.81	4.98

3	0.67	0.95	1.33	1.82	2.48	3.32	4.39	5.74
4	0.76	1.07	1.49	2.05	2.78	3.72	4.93	6.44
5	0.83	1.17	1.63	2.24	3.04	4.07	5.39	7.05
6	0.88	1.25	1.74	2.39	3.24	4.34	5.75	7.51
7	0.92	1.29	1.80	2.48	3.37	4.51	5.97	7.81
8	0.93	1.31	1.83	2.51	3.41	4.57	6.05	7.90
9	0.92	1.29	1.80	2.48	3.37	4.51	5.97	7.80
10	0.88	1.24	1.73	2.38	3.24	4.34	5.74	7.50
11	0.83	1.17	1.63	2.24	3.04	4.07	5.38	7.03
12	0.75	1.07	1.48	2.04	2.77	3.72	4.92	6.43
13	0.67	0.95	1.32	1.82	2.47	3.31	4.38	5.72
14	0.58	0.82	1.15	1.58	2.14	2.87	3.80	4.96

J-ROW	I-COLUMN							
	9	10	11	12	13	14	15	16
1	5.43	6.92	8.69	10.79	13.22	15.98	19.08	22.48
2	6.42	8.18	10.28	12.75	15.62	18.89	22.55	26.57
3	7.40	9.42	11.84	14.69	17.99	21.76	25.98	30.61
4	8.30	10.57	13.29	16.49	20.20	24.43	29.16	34.37
5	9.09	11.57	14.54	18.04	22.10	26.72	31.90	37.60
6	9.69	12.33	15.50	19.24	23.56	28.49	34.02	40.09
7	10.07	12.82	16.11	19.99	24.49	29.61	35.35	41.66
8	10.19	12.98	16.31	20.24	24.80	29.99	35.80	42.19
9	10.06	12.81	16.10	19.98	24.47	29.59	35.33	41.64
10	9.68	12.32	15.49	19.22	23.54	28.47	33.98	40.05
11	9.07	11.55	14.52	18.01	22.07	26.68	31.85	37.54
12	8.29	10.55	13.26	16.46	20.16	24.38	29.10	34.29
13	7.38	9.39	11.81	14.65	17.95	21.70	25.91	30.53
14	6.40	8.15	10.25	12.71	15.57	18.83	22.48	26.49

J-ROW	I-COLUMN							
	17	18	19	20	21	22	23	24
1	26.16	30.04	34.07	38.13	42.14	45.96	49.50	52.63
2	30.92	35.51	40.26	45.07	49.80	54.33	58.51	62.20
3	35.61	40.91	46.38	51.92	57.37	62.58	67.39	71.65
4	39.98	45.92	52.07	58.28	64.40	70.25	75.66	80.43
5	43.74	50.24	56.96	63.76	70.46	76.86	82.77	88.00
6	46.64	53.57	60.74	67.99	75.13	81.95	88.26	93.83
7	48.47	55.66	63.11	70.65	78.07	85.16	91.71	97.50
8	49.08	56.37	63.92	71.54	79.06	86.24	92.87	98.74
9	48.44	55.64	63.08	70.61	78.03	85.12	91.66	97.45
10	46.59	53.51	60.68	67.92	75.05	81.87	88.17	93.73
11	43.68	50.16	56.88	63.66	70.35	76.74	82.65	87.86
12	39.90	45.83	51.96	58.16	64.27	70.11	75.50	80.27
13	35.52	40.80	46.26	51.78	57.22	62.42	67.22	71.47
14	30.82	35.40	40.14	44.93	49.65	54.16	58.33	62.01

J-ROW	I-COLUMN					
	25	26	27	28	29	30
1	55.23	57.23	58.54	59.11	58.92	57.99
2	65.28	67.64	69.19	69.86	69.64	68.54
3	75.20	77.91	79.70	80.47	80.22	78.95
4	84.42	87.47	89.47	90.34	90.06	88.63
5	92.36	95.69	97.88	98.84	98.53	96.96
6	98.48	102.03	104.37	105.38	105.05	103.38
7	102.33	106.03	108.45	109.51	109.16	107.43
8	103.63	107.37	109.83	110.90	110.55	108.79
9	102.28	105.97	108.39	109.45	109.11	107.37
10	98.38	101.93	104.26	105.28	104.94	103.28
11	92.22	95.55	97.73	98.69	98.37	96.81
12	84.25	87.29	89.28	90.15	89.87	88.44
13	75.01	77.71	79.49	80.27	80.02	78.74
14	65.08	67.43	68.97	69.65	69.43	68.32

NODAL COMPUTATION RESULTS:

SIMULATION PERIOD DURATION IN DAYS: 7300.00

VALUES OF CONTAMINANT CONCENTRATION (MG/L) AT NODES:

J-ROW	I-COLUMN 1	2	3	4	5	6	7	8
1	0.40	0.56	0.78	1.07	1.46	1.96	2.60	3.40
2	0.47	0.66	0.92	1.26	1.71	2.30	3.04	3.99
3	0.53	0.75	1.05	1.44	1.96	2.63	3.48	4.56
4	0.60	0.84	1.17	1.61	2.18	2.93	3.89	5.09
5	0.65	0.92	1.27	1.75	2.38	3.19	4.23	5.54
6	0.69	0.97	1.35	1.86	2.53	3.39	4.50	5.89
7	0.72	1.01	1.40	1.93	2.62	3.52	4.67	6.11
8	0.72	1.02	1.42	1.95	2.65	3.56	4.72	6.18
9	0.72	1.01	1.40	1.93	2.62	3.52	4.66	6.11
10	0.69	0.97	1.35	1.86	2.53	3.39	4.49	5.88
11	0.65	0.91	1.27	1.75	2.38	3.19	4.23	5.53
12	0.60	0.84	1.17	1.61	2.18	2.93	3.88	5.08
13	0.53	0.75	1.05	1.44	1.95	2.62	3.47	4.55
14	0.47	0.66	0.91	1.26	1.71	2.29	3.03	3.97

J-ROW	I-COLUMN 9	10	11	12	13	14	15	16
1	4.40	5.62	7.09	8.84	10.89	13.25	15.93	18.91
2	5.16	6.59	8.31	10.37	12.77	15.53	18.67	22.17
3	5.90	7.53	9.51	11.86	14.60	17.77	21.36	25.35
4	6.58	8.41	10.61	13.23	16.30	19.83	23.84	28.30
5	7.17	9.16	11.56	14.41	17.75	21.60	25.96	30.82
6	7.62	9.73	12.29	15.32	18.87	22.96	27.59	32.76
7	7.90	10.10	12.74	15.89	19.57	23.81	28.62	33.98
8	8.00	10.22	12.90	16.08	19.81	24.10	28.96	34.39
9	7.90	10.09	12.74	15.88	19.56	23.80	28.60	33.96
10	7.61	9.72	12.27	15.30	18.85	22.93	27.57	32.73
11	7.16	9.15	11.54	14.39	17.73	21.57	25.92	30.78
12	6.57	8.39	10.59	13.21	16.27	19.79	23.79	28.24
13	5.88	7.52	9.49	11.83	14.57	17.72	21.30	25.29
14	5.14	6.57	8.29	10.34	12.73	15.49	18.62	22.10

J-ROW	I-COLUMN 17	18	19	20	21	22	23	24
1	22.18	25.70	29.41	33.25	37.14	40.97	44.65	48.07
2	26.00	30.12	34.47	38.98	43.53	48.02	52.34	56.35
3	29.74	34.45	39.43	44.58	49.79	54.93	59.86	64.45
4	33.19	38.45	44.01	49.76	55.57	61.31	66.82	71.93
5	36.15	41.88	47.93	54.19	60.53	66.77	72.77	78.35
6	38.42	44.51	50.95	57.60	64.33	70.97	77.35	83.27
7	39.85	46.17	52.84	59.74	66.72	73.61	80.22	86.36
8	40.33	46.72	53.48	60.46	67.52	74.49	81.19	87.40
9	39.83	46.15	52.81	59.71	66.68	73.57	80.18	86.32
10	38.38	44.47	50.90	57.54	64.27	70.90	77.27	83.19
11	36.10	41.82	47.86	54.11	60.44	66.68	72.67	78.23
12	33.13	38.38	43.92	49.66	55.46	61.19	66.69	71.79
13	29.66	34.37	39.34	44.47	49.67	54.80	59.72	64.29
14	25.92	30.03	34.37	38.86	43.40	47.88	52.19	56.18

J-ROW	I-COLUMN 25	26	27	28	29	30
1	51.13	53.71	55.74	57.14	57.87	57.90
2	59.93	62.96	65.33	66.98	67.83	67.86

3	68.54	72.01	74.73	76.61	77.58	77.62
4	76.50	80.37	83.41	85.51	86.59	86.63
5	83.32	87.53	90.84	93.13	94.31	94.35
6	88.56	93.03	96.55	98.98	100.24	100.28
7	91.84	96.49	100.13	102.66	103.96	104.00
8	92.95	97.65	101.34	103.89	105.21	105.26
9	91.80	96.44	100.09	102.61	103.91	103.95
10	88.47	92.94	96.46	98.88	100.14	100.18
11	83.20	87.41	90.71	92.99	94.18	94.21
12	76.35	80.21	83.24	85.34	86.42	86.46
13	68.37	71.83	74.55	76.42	77.39	77.43
14	59.75	62.77	65.14	66.78	67.63	67.66

MONITOR WELL COMPUTATION RESULTS:

TIME-CONCENTRATION TABLE

MONITOR WELL NUMBER: 1

TIME(DAYS)	CONCENTRATION(MG/L)
365.000	0.00
730.000	0.11
1095.000	42.21
1460.000	115.18
1825.000	184.71
2190.000	229.04
2555.000	246.35
2920.000	243.12
3285.000	227.01
3650.000	204.20
4015.000	178.93
4380.000	153.86
4745.000	130.48
5110.000	109.50
5475.000	91.15
5840.000	75.41
6205.000	62.09
6570.000	50.92
6935.000	41.64
7300.000	33.96

MONITOR WELL NUMBER: 2

TIME(DAYS)	CONCENTRATION(MG/L)
365.000	0.00
730.000	0.00
1095.000	0.02
1460.000	0.53
1825.000	3.89
2190.000	13.20
2555.000	29.15
2920.000	49.36
3285.000	70.15
3650.000	88.31
4015.000	101.88
4380.000	110.18
4745.000	113.44
5110.000	112.41
5475.000	108.09
5840.000	101.44
6205.000	93.35
6570.000	84.52
6935.000	75.50
7300.000	66.69

APPENDIX C

Input and Output From Flow Model

INPUT

column 1: month
column 2: day
column 3: year
column 4: time (central)
column 5: watts bar discharge (cfs)
column 6: chickamauga discharge (cfs)
column 7: chickamauga headwater (ft)
column 8: watts bar generation (mw) (if negative, discharge was given)
column 9: chickamauga generation (mw) (if negative, discharge was given)

note: generations listed in this file are for data checking only and are not used by program . any changes to generations must be accompanied by corresponding changes to discharges.

4	2	89	100	0	0.	683.	-1.	-1.
4	2	89	200	0	0.	683.	-1.	-1.
4	2	89	300	0	0.	683.	-1.	-1.
4	2	89	400	0	0.	683.	-1.	-1.
4	2	89	500	0	0.	683.	-1.	-1.
4	2	89	600	0	0.	683.	-1.	-1.
4	2	89	700	7100	10100.	683.	-1.	-1.
4	2	89	800	15300	16400.	683.	-1.	-1.
4	2	89	900	15000	16500.	683.	-1.	-1.
4	2	89	1000	7500	16400.	683.	-1.	-1.
4	2	89	1100	7400	9300.	683.	-1.	-1.
4	2	89	1200	0	9300.	683.	-1.	-1.
4	2	89	1300	0	9300.	683.	-1.	-1.
4	2	89	1400	0	10600.	683.	-1.	-1.
4	2	89	1500	0	10000.	683.	-1.	-1.
4	2	89	1600	0	10000.	683.	-1.	-1.
4	2	89	1700	0	9800.	683.	-1.	-1.
4	2	89	1800	0	9800.	683.	-1.	-1.
4	2	89	1900	6600	9900.	683.	-1.	-1.
4	2	89	2000	7300	9900.	683.	-1.	-1.
4	2	89	2100	7300	9900.	683.	-1.	-1.
4	2	89	2200	700	9900.	683.	-1.	-1.
4	2	89	2300	0	0.	683.	-1.	-1.
4	2	89	2400	0	0.	683.	-1.	-1.
4	3	89	100	0	0.	683.	-1.	-1.
4	3	89	200	0	0.	683.	-1.	-1.
4	3	89	300	0	0.	683.	-1.	-1.
4	3	89	400	0	0.	683.	-1.	-1.
4	3	89	500	0	0.	683.	-1.	-1.
4	3	89	600	1000	10200.	683.	-1.	-1.
4	3	89	700	8300	17200.	683.	-1.	-1.
4	3	89	800	15400	25100.	683.	-1.	-1.
4	3	89	900	15500	25600.	683.	-1.	-1.
4	3	89	1000	15400	25900.	683.	-1.	-1.
4	3	89	1100	15400	26000.	683.	-1.	-1.
4	3	89	1200	15500	26100.	683.	-1.	-1.
4	3	89	1300	15600	17500.	683.	-1.	-1.
4	3	89	1400	12400	17500.	683.	-1.	-1.
4	3	89	1500	7800	17600.	683.	-1.	-1.
4	3	89	1600	7600	17600.	683.	-1.	-1.
4	3	89	1700	15300	17500.	683.	-1.	-1.
4	3	89	1800	15300	17500.	683.	-1.	-1.
4	3	89	1900	15600	17400.	683.	-1.	-1.
4	3	89	2000	7800	17400.	683.	-1.	-1.
4	3	89	2100	6100	17800.	683.	-1.	-1.
4	3	89	2200	0	10800.	683.	-1.	-1.
4	3	89	2300	0	10800.	683.	-1.	-1.
4	3	89	2400	0	0.	683.	-1.	-1.
4	4	89	100	0	0.	683.	-1.	-1.
4	4	89	200	0	0.	683.	-1.	-1.
4	4	89	300	0	0.	683.	-1.	-1.
4	4	89	400	0	0.	683.	-1.	-1.

4	4	89	500	0	0.	683.	-1.	-1.
4	4	89	600	0	9900.	683.	-1.	-1.
4	4	89	700	7800	16500.	683.	-1.	-1.
4	4	89	800	15500	25900.	683.	-1.	-1.
4	4	89	900	15400	26900.	683.	-1.	-1.
4	4	89	1000	15400	26700.	683.	-1.	-1.
4	4	89	1100	15300	18900.	683.	-1.	-1.
4	4	89	1200	15300	18300.	683.	-1.	-1.
4	4	89	1300	7600	18500.	683.	-1.	-1.
4	4	89	1400	7300	18400.	683.	-1.	-1.
4	4	89	1500	7400	18100.	683.	-1.	-1.
4	4	89	1600	7300	18100.	683.	-1.	-1.
4	4	89	1700	7300	17900.	683.	-1.	-1.
4	4	89	1800	7300	17900.	683.	-1.	-1.
4	4	89	1900	15000	18400.	683.	-1.	-1.
4	4	89	2000	15200	18400.	683.	-1.	-1.
4	4	89	2100	15200	18100.	683.	-1.	-1.
4	4	89	2200	14500	17900.	683.	-1.	-1.
4	4	89	2300	1100	18100.	683.	-1.	-1.
4	4	89	2400	0	0.	683.	-1.	-1.
4	5	89	100	0	0.	683.	-1.	-1.
4	5	89	200	0	0.	683.	-1.	-1.
4	5	89	300	0	0.	683.	-1.	-1.
4	5	89	400	0	0.	683.	-1.	-1.
4	5	89	500	0	0.	683.	-1.	-1.
4	5	89	600	0	0.	683.	-1.	-1.
4	5	89	700	16200	16400.	683.	-1.	-1.
4	5	89	800	23300	25900.	683.	-1.	-1.
4	5	89	900	22400	25900.	683.	-1.	-1.
4	5	89	1000	15700	16500.	683.	-1.	-1.
4	5	89	1100	14700	0.	683.	-1.	-1.
4	5	89	1200	7300	0.	683.	-1.	-1.
4	5	89	1300	700	0.	683.	-1.	-1.
4	5	89	1400	0	0.	683.	-1.	-1.
4	5	89	1500	0	0.	683.	-1.	-1.
4	5	89	1600	0	0.	683.	-1.	-1.
4	5	89	1700	0	0.	683.	-1.	-1.
4	5	89	1800	0	9700.	683.	-1.	-1.
4	5	89	1900	0	15600.	683.	-1.	-1.
4	5	89	2000	6000	15600.	683.	-1.	-1.
4	5	89	2100	7000	15600.	683.	-1.	-1.
4	5	89	2200	2300	16400.	683.	-1.	-1.
4	5	89	2300	0	0.	683.	-1.	-1.
4	5	89	2400	0	0.	683.	-1.	-1.
4	6	89	100	0	0.	683.	-1.	-1.
4	6	89	200	0	0.	683.	-1.	-1.
4	6	89	300	0	0.	683.	-1.	-1.
4	6	89	400	0	0.	683.	-1.	-1.
4	6	89	500	0	0.	683.	-1.	-1.
4	6	89	600	0	0.	683.	-1.	-1.
4	6	89	700	27500	23400.	683.	-1.	-1.
4	6	89	800	32700	30100.	683.	-1.	-1.
4	6	89	900	33600	31500.	683.	-1.	-1.
4	6	89	1000	26500	13400.	683.	-1.	-1.
4	6	89	1100	15500	9600.	683.	-1.	-1.
4	6	89	1200	0	4100.	683.	-1.	-1.
4	6	89	1300	0	0.	683.	-1.	-1.
4	6	89	1400	0	0.	683.	-1.	-1.
4	6	89	1500	0	0.	683.	-1.	-1.
4	6	89	1600	0	0.	683.	-1.	-1.
4	6	89	1700	0	0.	683.	-1.	-1.
4	6	89	1800	0	2800.	683.	-1.	-1.
4	6	89	1900	0	9000.	683.	-1.	-1.
4	6	89	2000	5400	9400.	683.	-1.	-1.
4	6	89	2100	12400	14100.	683.	-1.	-1.
4	6	89	2200	11900	8900.	683.	-1.	-1.

4	6	89	2300	0	0.	683.	-1.	-1.	
4	6	89	2400	0	0.	683.	-1.	-1.	
4	7	89	100	0	0.	683.	-1.	-1.	
4	7	89	200	0	0.	683.	-1.	-1.	
4	7	89	300	0	0.	683.	-1.	-1.	
4	7	89	400	0	0.	683.	-1.	-1.	
4	7	89	500	0	0.	683.	-1.	-1.	
4	7	89	600	0	0.	683.	-1.	-1.	
4	7	89	700	17000	17000.	683.	-1.	-1.	
4	7	89	800	31700	28100.	683.	-1.	-1.	
4	7	89	900	31700	25400.	683.	-1.	-1.	
4	7	89	1000	25600	16500.	683.	-1.	-1.	
4	7	89	1100	17100	16500.	683.	-1.	-1.	
4	7	89	1200	0	11700.	683.	-1.	-1.	
4	7	89	1300	0	0.	683.	-1.	-1.	
4	7	89	1400	0	0.	683.	-1.	-1.	
4	7	89	1500	0	0.	683.	-1.	-1.	
4	7	89	1600	0	0.	683.	-1.	-1.	
4	7	89	1700	0	0.	683.	-1.	-1.	
4	7	89	1800	0	0.	683.	-1.	-1.	
4	7	89	1900	0	0.	683.	-1.	-1.	
4	7	89	2000	6800	14100.	683.	-1.	-1.	
4	7	89	2100	14900	16200.	683.	-1.	-1.	
4	7	89	2200	14000	0.	683.	-1.	-1.	
4	7	89	2300	0	0.	683.	-1.	-1.	
4	7	89	2400	0	0.	683.	-1.	-1.	
4	8	89	100	0	9000.	683.	-1.	-1.	
4	8	89	200	0	9600.	683.	-1.	-1.	
4	8	89	300	0	9600.	683.	-1.	-1.	
4	8	89	400	0	9600.	683.	-1.	-1.	
4	8	89	500	0	9600.	683.	-1.	-1.	
4	8	89	600	3500	8400.	683.	-1.	-1.	
4	8	89	700	22700	22700.	683.	-1.	-1.	
4	8	89	800	32500	27200.	683.	-1.	-1.	
4	8	89	900	32600	27900.	683.	-1.	-1.	
4	8	89	1000	32700	25700.	683.	-1.	-1.	
4	8	89	1100	25800	25500.	683.	-1.	-1.	
4	8	89	1200	15800	23100.	683.	-1.	-1.	
4	8	89	1300	15800	27700.	683.	-1.	-1.	
4	8	89	1400	15800	28000.	683.	-1.	-1.	
4	8	89	1500	15900	28200.	683.	-1.	-1.	
4	8	89	1600	15900	28200.	683.	-1.	-1.	
4	8	89	1700	15900	28500.	683.	-1.	-1.	
4	8	89	1800	22000	28500.	683.	-1.	-1.	
4	8	89	1900	33200	28500.	683.	-1.	-1.	
4	8	89	2000	33200	28500.	683.	-1.	-1.	
4	8	89	2100	30500	28500.	683.	-1.	-1.	
4	8	89	2200	16000	28000.	683.	-1.	-1.	
4	8	89	2300	15800	27900.	683.	-1.	-1.	
4	8	89	2400	15800	28000.	683.	-1.	-1.	
4	9	89	0100	0.	0.	683.00	-1.0	-1.0	preschedule
4	9	89	0200	0.	0.	683.00	-1.0	-1.0	preschedule
4	9	89	0300	0.	0.	683.00	-1.0	-1.0	preschedule
4	9	89	0400	0.	0.	683.00	-1.0	-1.0	preschedule
4	9	89	0500	0.	0.	683.00	-1.0	-1.0	preschedule
4	9	89	0600	0.	0.	683.00	-1.0	-1.0	preschedule
4	9	89	0700	7100.	10100.	683.00	-1.0	-1.0	preschedule
4	9	89	0800	15300.	16400.	683.00	-1.0	-1.0	preschedule
4	9	89	0900	15000.	16500.	683.00	-1.0	-1.0	preschedule
4	9	89	1000	7500.	16400.	683.00	-1.0	-1.0	preschedule
4	9	89	1100	7400.	9300.	683.00	-1.0	-1.0	preschedule
4	9	89	1200	0.	9300.	683.00	-1.0	-1.0	preschedule
4	9	89	1300	0.	9300.	683.00	-1.0	-1.0	preschedule
4	9	89	1400	0.	10600.	683.00	-1.0	-1.0	preschedule
4	9	89	1500	0.	10000.	683.00	-1.0	-1.0	preschedule
4	9	89	1600	0.	10000.	683.00	-1.0	-1.0	preschedule

4	9	89	1700	0.	9800.	683.00	-1.0	-1.0	preschedule
4	9	89	1800	0.	9800.	683.00	-1.0	-1.0	preschedule
4	9	89	1900	6600.	9900.	683.00	-1.0	-1.0	preschedule
4	9	89	2000	7300.	9900.	683.00	-1.0	-1.0	preschedule
4	9	89	2100	7300.	9900.	683.00	-1.0	-1.0	preschedule
4	9	89	2200	700.	9900.	683.00	-1.0	-1.0	preschedule
4	9	89	2300	0.	0.	683.00	-1.0	-1.0	preschedule
4	9	89	2400	0.	0.	683.00	-1.0	-1.0	preschedule
4	10	89	0100	0.	0.	683.00	-1.0	-1.0	preschedule
4	10	89	0200	0.	0.	683.00	-1.0	-1.0	preschedule
4	10	89	0300	0.	0.	683.00	-1.0	-1.0	preschedule
4	10	89	0400	0.	0.	683.00	-1.0	-1.0	preschedule
4	10	89	0500	0.	0.	683.00	-1.0	-1.0	preschedule
4	10	89	0600	1000.	10200.	683.00	-1.0	-1.0	preschedule
4	10	89	0700	8300.	17200.	683.00	-1.0	-1.0	preschedule
4	10	89	0800	15400.	25100.	683.00	-1.0	-1.0	preschedule
4	10	89	0900	15500.	25600.	683.00	-1.0	-1.0	preschedule
4	10	89	1000	15400.	25900.	683.00	-1.0	-1.0	preschedule
4	10	89	1100	15400.	26000.	683.00	-1.0	-1.0	preschedule
4	10	89	1200	15500.	26100.	683.00	-1.0	-1.0	preschedule
4	10	89	1300	15600.	17500.	683.00	-1.0	-1.0	preschedule
4	10	89	1400	12400.	17500.	683.00	-1.0	-1.0	preschedule
4	10	89	1500	7800.	17600.	683.00	-1.0	-1.0	preschedule
4	10	89	1600	7600.	17600.	683.00	-1.0	-1.0	preschedule
4	10	89	1700	15300.	17500.	683.00	-1.0	-1.0	preschedule
4	10	89	1800	15300.	17500.	683.00	-1.0	-1.0	preschedule
4	10	89	1900	15600.	17400.	683.00	-1.0	-1.0	preschedule
4	10	89	2000	7800.	17400.	683.00	-1.0	-1.0	preschedule
4	10	89	2100	6100.	17800.	683.00	-1.0	-1.0	preschedule
4	10	89	2200	0.	10800.	683.00	-1.0	-1.0	preschedule
4	10	89	2300	0.	10800.	683.00	-1.0	-1.0	preschedule
4	10	89	2400	0.	0.	683.00	-1.0	-1.0	preschedule
4	11	89	0100	0.	0.	683.00	-1.0	-1.0	preschedule
4	11	89	0200	0.	0.	683.00	-1.0	-1.0	preschedule
4	11	89	0300	0.	0.	683.00	-1.0	-1.0	preschedule
4	11	89	0400	0.	0.	683.00	-1.0	-1.0	preschedule
4	11	89	0500	0.	0.	683.00	-1.0	-1.0	preschedule
4	11	89	0600	0.	9900.	683.00	-1.0	-1.0	preschedule
4	11	89	0700	7800.	16500.	683.00	-1.0	-1.0	preschedule
4	11	89	0800	15500.	25900.	683.00	-1.0	-1.0	preschedule
4	11	89	0900	15400.	26900.	683.00	-1.0	-1.0	preschedule
4	11	89	1000	15400.	26700.	683.00	-1.0	-1.0	preschedule
4	11	89	1100	15300.	18900.	683.00	-1.0	-1.0	preschedule
4	11	89	1200	15300.	18300.	683.00	-1.0	-1.0	preschedule
4	11	89	1300	7600.	18500.	683.00	-1.0	-1.0	preschedule
4	11	89	1400	7300.	18400.	683.00	-1.0	-1.0	preschedule
4	11	89	1500	7400.	18100.	683.00	-1.0	-1.0	preschedule
4	11	89	1600	7300.	18100.	683.00	-1.0	-1.0	preschedule
4	11	89	1700	7300.	17900.	683.00	-1.0	-1.0	preschedule
4	11	89	1800	7300.	17900.	683.00	-1.0	-1.0	preschedule
4	11	89	1900	15000.	18400.	683.00	-1.0	-1.0	preschedule
4	11	89	2000	15200.	18400.	683.00	-1.0	-1.0	preschedule
4	11	89	2100	15200.	18100.	683.00	-1.0	-1.0	preschedule
4	11	89	2200	14500.	17900.	683.00	-1.0	-1.0	preschedule
4	11	89	2300	1100.	18100.	683.00	-1.0	-1.0	preschedule
4	11	89	2400	0.	0.	683.00	-1.0	-1.0	preschedule
4	12	89	0100	0.	0.	683.00	-1.0	-1.0	preschedule
4	12	89	0200	0.	0.	683.00	-1.0	-1.0	preschedule
4	12	89	0300	0.	0.	683.00	-1.0	-1.0	preschedule
4	12	89	0400	0.	0.	683.00	-1.0	-1.0	preschedule
4	12	89	0500	0.	0.	683.00	-1.0	-1.0	preschedule
4	12	89	0600	0.	0.	683.00	-1.0	-1.0	preschedule
4	12	89	0700	16200.	16400.	683.00	-1.0	-1.0	preschedule
4	12	89	0800	23300.	25900.	683.00	-1.0	-1.0	preschedule
4	12	89	0900	22400.	25900.	683.00	-1.0	-1.0	preschedule
4	12	89	1000	15700.	16500.	683.00	-1.0	-1.0	preschedule

4	12	89	1100	14700.	0.	683.00	-1.0	-1.0	preschedule
4	12	89	1200	7300.	0.	683.00	-1.0	-1.0	preschedule
4	12	89	1300	700.	0.	683.00	-1.0	-1.0	preschedule
4	12	89	1400	0.	0.	683.00	-1.0	-1.0	preschedule
4	12	89	1500	0.	0.	683.00	-1.0	-1.0	preschedule
4	12	89	1600	0.	0.	683.00	-1.0	-1.0	preschedule
4	12	89	1700	0.	0.	683.00	-1.0	-1.0	preschedule
4	12	89	1800	0.	9700.	683.00	-1.0	-1.0	preschedule
4	12	89	1900	0.	15600.	683.00	-1.0	-1.0	preschedule
4	12	89	2000	6000.	15600.	683.00	-1.0	-1.0	preschedule
4	12	89	2100	7000.	15600.	683.00	-1.0	-1.0	preschedule
4	12	89	2200	2300.	16400.	683.00	-1.0	-1.0	preschedule
4	12	89	2300	0.	0.	683.00	-1.0	-1.0	preschedule
4	12	89	2400	0.	0.	683.00	-1.0	-1.0	preschedule
4	13	89	0100	0.	0.	683.00	-1.0	-1.0	preschedule
4	13	89	0200	0.	0.	683.00	-1.0	-1.0	preschedule
4	13	89	0300	0.	0.	683.00	-1.0	-1.0	preschedule
4	13	89	0400	0.	0.	683.00	-1.0	-1.0	preschedule
4	13	89	0500	0.	0.	683.00	-1.0	-1.0	preschedule
4	13	89	0600	0.	0.	683.00	-1.0	-1.0	preschedule
4	13	89	0700	27500.	23400.	683.00	-1.0	-1.0	preschedule
4	13	89	0800	32700.	30100.	683.00	-1.0	-1.0	preschedule
4	13	89	0900	33600.	31500.	683.00	-1.0	-1.0	preschedule
4	13	89	1000	26500.	13400.	683.00	-1.0	-1.0	preschedule
4	13	89	1100	15500.	9600.	683.00	-1.0	-1.0	preschedule
4	13	89	1200	0.	4100.	683.00	-1.0	-1.0	preschedule
4	13	89	1300	0.	0.	683.00	-1.0	-1.0	preschedule
4	13	89	1400	0.	0.	683.00	-1.0	-1.0	preschedule
4	13	89	1500	0.	0.	683.00	-1.0	-1.0	preschedule
4	13	89	1600	0.	0.	683.00	-1.0	-1.0	preschedule
4	13	89	1700	0.	0.	683.00	-1.0	-1.0	preschedule
4	13	89	1800	0.	2800.	683.00	-1.0	-1.0	preschedule
4	13	89	1900	0.	9000.	683.00	-1.0	-1.0	preschedule
4	13	89	2000	5400.	9400.	683.00	-1.0	-1.0	preschedule
4	13	89	2100	12400.	14100.	683.00	-1.0	-1.0	preschedule
4	13	89	2200	11900.	8900.	683.00	-1.0	-1.0	preschedule
4	13	89	2300	0.	0.	683.00	-1.0	-1.0	preschedule
4	13	89	2400	0.	0.	683.00	-1.0	-1.0	preschedule
4	14	89	0100	0.	0.	683.00	-1.0	-1.0	preschedule
4	14	89	0200	0.	0.	683.00	-1.0	-1.0	preschedule
4	14	89	0300	0.	0.	683.00	-1.0	-1.0	preschedule
4	14	89	0400	0.	0.	683.00	-1.0	-1.0	preschedule
4	14	89	0500	0.	0.	683.00	-1.0	-1.0	preschedule
4	14	89	0600	0.	0.	683.00	-1.0	-1.0	preschedule
4	14	89	0700	17000.	17000.	683.00	-1.0	-1.0	preschedule
4	14	89	0800	31700.	28100.	683.00	-1.0	-1.0	preschedule
4	14	89	0900	31700.	25400.	683.00	-1.0	-1.0	preschedule
4	14	89	1000	25600.	16500.	683.00	-1.0	-1.0	preschedule
4	14	89	1100	17100.	16500.	683.00	-1.0	-1.0	preschedule
4	14	89	1200	0.	11700.	683.00	-1.0	-1.0	preschedule
4	14	89	1300	0.	0.	683.00	-1.0	-1.0	preschedule
4	14	89	1400	0.	0.	683.00	-1.0	-1.0	preschedule
4	14	89	1500	0.	0.	683.00	-1.0	-1.0	preschedule
4	14	89	1600	0.	0.	683.00	-1.0	-1.0	preschedule
4	14	89	1700	0.	0.	683.00	-1.0	-1.0	preschedule
4	14	89	1800	0.	0.	683.00	-1.0	-1.0	preschedule
4	14	89	1900	0.	0.	683.00	-1.0	-1.0	preschedule
4	14	89	2000	6800.	14100.	683.00	-1.0	-1.0	preschedule
4	14	89	2100	14900.	16200.	683.00	-1.0	-1.0	preschedule
4	14	89	2200	14000.	0.	683.00	-1.0	-1.0	preschedule
4	14	89	2300	0.	0.	683.00	-1.0	-1.0	preschedule
4	14	89	2400	0.	0.	683.00	-1.0	-1.0	preschedule
4	15	89	0100	0.	9000.	683.00	-1.0	-1.0	preschedule
4	15	89	0200	0.	9600.	683.00	-1.0	-1.0	preschedule
4	15	89	0300	0.	9600.	683.00	-1.0	-1.0	preschedule
4	15	89	0400	0.	9600.	683.00	-1.0	-1.0	preschedule

4	15	89	0500	0.	9600.	683.00	-1.0	-1.0	preschedule
4	15	89	0600	3500.	8400.	683.00	-1.0	-1.0	preschedule
4	15	89	0700	22700.	22700.	683.00	-1.0	-1.0	preschedule
4	15	89	0800	32500.	27200.	683.00	-1.0	-1.0	preschedule
4	15	89	0900	32600.	27900.	683.00	-1.0	-1.0	preschedule
4	15	89	1000	32700.	25700.	683.00	-1.0	-1.0	preschedule
4	15	89	1100	25800.	25500.	683.00	-1.0	-1.0	preschedule
4	15	89	1200	15800.	23100.	683.00	-1.0	-1.0	preschedule
4	15	89	1300	15800.	27700.	683.00	-1.0	-1.0	preschedule
4	15	89	1400	15800.	28000.	683.00	-1.0	-1.0	preschedule
4	15	89	1500	15900.	28200.	683.00	-1.0	-1.0	preschedule
4	15	89	1600	15900.	28200.	683.00	-1.0	-1.0	preschedule
4	15	89	1700	15900.	28500.	683.00	-1.0	-1.0	preschedule
4	15	89	1800	22000.	28500.	683.00	-1.0	-1.0	preschedule
4	15	89	1900	33200.	28500.	683.00	-1.0	-1.0	preschedule
4	15	89	2000	33200.	28500.	683.00	-1.0	-1.0	preschedule
4	15	89	2100	30500.	28500.	683.00	-1.0	-1.0	preschedule
4	15	89	2200	16000.	28000.	683.00	-1.0	-1.0	preschedule
4	15	89	2300	15800.	27900.	683.00	-1.0	-1.0	preschedule
4	15	89	2400	15800.	28000.	683.00	-1.0	-1.0	preschedule

date: 10 17 1990 time: 1551

OUTPUT

mo	day	yr	time	qwbar (cfs)	qchick (cfs)	qr@wbn (cfs)	day
4	2	89	100	0.	0.	0.	91.04
4	2	89	200	0.	0.	0.	91.08
4	2	89	300	0.	0.	0.	91.12
4	2	89	400	0.	0.	0.	91.17
4	2	89	500	0.	0.	0.	91.21
4	2	89	600	0.	0.	0.	91.25
4	2	89	700	7100.	10100.	7724.	91.29
4	2	89	800	15300.	16400.	16080.	91.33
4	2	89	900	15000.	16500.	15094.	91.38
4	2	89	1000	7500.	16400.	7480.	91.42
4	2	89	1100	7400.	9300.	7981.	91.46
4	2	89	1200	0.	9300.	-777.	91.50
4	2	89	1300	0.	9300.	-621.	91.54
4	2	89	1400	0.	10600.	-335.	91.58
4	2	89	1500	0.	10000.	-925.	91.62
4	2	89	1600	0.	10000.	86.	91.67
4	2	89	1700	0.	9800.	757.	91.71
4	2	89	1800	0.	9800.	664.	91.75
4	2	89	1900	6600.	9900.	7477.	91.79
4	2	89	2000	7300.	9900.	7782.	91.83
4	2	89	2100	7300.	9900.	7217.	91.88
4	2	89	2200	700.	9900.	-268.	91.92
4	2	89	2300	0.	0.	-583.	91.96
4	2	89	2400	0.	0.	-65.	92.00
4	3	89	100	0.	0.	136.	92.04
4	3	89	200	0.	0.	27.	92.08
4	3	89	300	0.	0.	-627.	92.12
4	3	89	400	0.	0.	-116.	92.17
4	3	89	500	0.	0.	363.	92.21
4	3	89	600	1000.	10200.	1886.	92.25
4	3	89	700	8300.	17200.	9027.	92.29
4	3	89	800	15400.	25100.	15632.	92.33
4	3	89	900	15500.	25600.	15490.	92.38
4	3	89	1000	15400.	25900.	15942.	92.42
4	3	89	1100	15400.	26000.	15903.	92.46
4	3	89	1200	15500.	26100.	15750.	92.50
4	3	89	1300	15600.	17500.	15703.	92.54
4	3	89	1400	12400.	17500.	12380.	92.58
4	3	89	1500	7800.	17600.	7782.	92.62
4	3	89	1600	7600.	17600.	7393.	92.67
4	3	89	1700	15300.	17500.	15114.	92.71
4	3	89	1800	15300.	17500.	15327.	92.75
4	3	89	1900	15600.	17400.	15744.	92.79
4	3	89	2000	7800.	17400.	7684.	92.83
4	3	89	2100	6100.	17800.	6095.	92.88
4	3	89	2200	0.	10800.	-855.	92.92
4	3	89	2300	0.	10800.	-309.	92.96
4	3	89	2400	0.	0.	89.	93.00
4	4	89	100	0.	0.	-677.	93.04
4	4	89	200	0.	0.	-342.	93.08
4	4	89	300	0.	0.	112.	93.12
4	4	89	400	0.	0.	-1.	93.17
4	4	89	500	0.	0.	786.	93.21
4	4	89	600	0.	9900.	454.	93.25
4	4	89	700	7800.	16500.	8169.	93.29
4	4	89	800	15500.	25900.	15838.	93.33
4	4	89	900	15400.	26900.	15407.	93.38
4	4	89	1000	15400.	26700.	15976.	93.42
4	4	89	1100	15300.	18900.	15856.	93.46
4	4	89	1200	15300.	18300.	15629.	93.50

4	4	89	1300	7600.	18500.	7725.	93.54
4	4	89	1400	7300.	18400.	7293.	93.58
4	4	89	1500	7400.	18100.	7039.	93.62
4	4	89	1600	7300.	18100.	6889.	93.67
4	4	89	1700	7300.	17900.	7428.	93.71
4	4	89	1800	7300.	17900.	7674.	93.75
4	4	89	1900	15000.	18400.	15270.	93.79
4	4	89	2000	15200.	18400.	15292.	93.83
4	4	89	2100	15200.	18100.	15332.	93.88
4	4	89	2200	14500.	17900.	14729.	93.92
4	4	89	2300	1100.	18100.	633.	93.96
4	4	89	2400	0.	0.	-638.	94.00
4	5	89	100	0.	0.	-19.	94.04
4	5	89	200	0.	0.	-389.	94.08
4	5	89	300	0.	0.	-670.	94.12
4	5	89	400	0.	0.	-507.	94.17
4	5	89	500	0.	0.	254.	94.21
4	5	89	600	0.	0.	489.	94.25
4	5	89	700	16200.	16400.	17525.	94.29
4	5	89	800	23300.	25900.	23770.	94.33
4	5	89	900	22400.	25900.	22116.	94.38
4	5	89	1000	15700.	16500.	15742.	94.42
4	5	89	1100	14700.	0.	15319.	94.46
4	5	89	1200	7300.	0.	7218.	94.50
4	5	89	1300	700.	0.	107.	94.54
4	5	89	1400	0.	0.	-1365.	94.58
4	5	89	1500	0.	0.	-1461.	94.62
4	5	89	1600	0.	0.	-192.	94.67
4	5	89	1700	0.	0.	648.	94.71
4	5	89	1800	0.	9700.	671.	94.75
4	5	89	1900	0.	15600.	168.	94.79
4	5	89	2000	6000.	15600.	6732.	94.83
4	5	89	2100	7000.	15600.	7671.	94.88
4	5	89	2200	2300.	16400.	2281.	94.92
4	5	89	2300	0.	0.	-360.	94.96
4	5	89	2400	0.	0.	-663.	95.00
4	6	89	100	0.	0.	-217.	95.04
4	6	89	200	0.	0.	-101.	95.08
4	6	89	300	0.	0.	-281.	95.12
4	6	89	400	0.	0.	80.	95.17
4	6	89	500	0.	0.	40.	95.21
4	6	89	600	0.	0.	715.	95.25
4	6	89	700	27500.	23400.	27664.	95.29
4	6	89	800	32700.	30100.	32229.	95.33
4	6	89	900	33600.	31500.	32925.	95.38
4	6	89	1000	26500.	13400.	26736.	95.42
4	6	89	1100	15500.	9600.	16793.	95.46
4	6	89	1200	0.	4100.	-235.	95.50
4	6	89	1300	0.	0.	-14.	95.54
4	6	89	1400	0.	0.	-972.	95.58
4	6	89	1500	0.	0.	-1497.	95.62
4	6	89	1600	0.	0.	-418.	95.67
4	6	89	1700	0.	0.	406.	95.71
4	6	89	1800	0.	2800.	346.	95.75
4	6	89	1900	0.	9000.	544.	95.79
4	6	89	2000	5400.	9400.	6686.	95.83
4	6	89	2100	12400.	14100.	12944.	95.88
4	6	89	2200	11900.	8900.	11893.	95.92
4	6	89	2300	0.	0.	-851.	95.96
4	6	89	2400	0.	0.	-558.	96.00
4	7	89	100	0.	0.	166.	96.04
4	7	89	200	0.	0.	-814.	96.08
4	7	89	300	0.	0.	-120.	96.12
4	7	89	400	0.	0.	297.	96.17
4	7	89	500	0.	0.	-416.	96.21
4	7	89	600	0.	0.	261.	96.25

4	7	89	700	17000.	17000.	18219.	96.29
4	7	89	800	31700.	28100.	31891.	96.33
4	7	89	900	31700.	25400.	31144.	96.38
4	7	89	1000	25600.	16500.	25696.	96.42
4	7	89	1100	17100.	16500.	18075.	96.46
4	7	89	1200	0.	11700.	-500.	96.50
4	7	89	1300	0.	0.	-99.	96.54
4	7	89	1400	0.	0.	-498.	96.58
4	7	89	1500	0.	0.	-1157.	96.62
4	7	89	1600	0.	0.	-746.	96.67
4	7	89	1700	0.	0.	-27.	96.71
4	7	89	1800	0.	0.	387.	96.75
4	7	89	1900	0.	0.	635.	96.79
4	7	89	2000	6800.	14100.	8360.	96.83
4	7	89	2100	14900.	16200.	15375.	96.88
4	7	89	2200	14000.	0.	13671.	96.92
4	7	89	2300	0.	0.	-834.	96.96
4	7	89	2400	0.	0.	124.	97.00
4	8	89	100	0.	9000.	-442.	97.04
4	8	89	200	0.	9600.	-1208.	97.08
4	8	89	300	0.	9600.	276.	97.12
4	8	89	400	0.	9600.	689.	97.17
4	8	89	500	0.	9600.	319.	97.21
4	8	89	600	3500.	8400.	3981.	97.25
4	8	89	700	22700.	22700.	23183.	97.29
4	8	89	800	32500.	27200.	32356.	97.33
4	8	89	900	32600.	27900.	32154.	97.38
4	8	89	1000	32700.	25700.	32587.	97.42
4	8	89	1100	25800.	25500.	26435.	97.46
4	8	89	1200	15800.	23100.	16372.	97.50
4	8	89	1300	15800.	27700.	16493.	97.54
4	8	89	1400	15800.	28000.	16025.	97.58
4	8	89	1500	15900.	28200.	15761.	97.62
4	8	89	1600	15900.	28200.	15784.	97.67
4	8	89	1700	15900.	28500.	16012.	97.71
4	8	89	1800	22000.	28500.	22139.	97.75
4	8	89	1900	33200.	28500.	32327.	97.79
4	8	89	2000	33200.	28500.	32723.	97.83
4	8	89	2100	30500.	28500.	30582.	97.88
4	8	89	2200	16000.	28000.	16428.	97.92
4	8	89	2300	15800.	27900.	16510.	97.96
4	8	89	2400	15800.	28000.	16200.	98.00
4	9	89	100	0.	0.	-629.	98.04
4	9	89	200	0.	0.	-389.	98.08
4	9	89	300	0.	0.	50.	98.12
4	9	89	400	0.	0.	-1634.	98.17
4	9	89	500	0.	0.	-1029.	98.21
4	9	89	600	0.	0.	887.	98.25
4	9	89	700	7100.	10100.	8193.	98.29
4	9	89	800	15300.	16400.	16389.	98.33
4	9	89	900	15000.	16500.	15421.	98.38
4	9	89	1000	7500.	16400.	7398.	98.42
4	9	89	1100	7400.	9300.	7715.	98.46
4	9	89	1200	0.	9300.	-1017.	98.50
4	9	89	1300	0.	9300.	-925.	98.54
4	9	89	1400	0.	10600.	-281.	98.58
4	9	89	1500	0.	10000.	-472.	98.62
4	9	89	1600	0.	10000.	280.	98.67
4	9	89	1700	0.	9800.	667.	98.71
4	9	89	1800	0.	9800.	495.	98.75
4	9	89	1900	6600.	9900.	7352.	98.79
4	9	89	2000	7300.	9900.	7786.	98.83
4	9	89	2100	7300.	9900.	7229.	98.88
4	9	89	2200	700.	9900.	-275.	98.92
4	9	89	2300	0.	0.	-502.	98.96
4	9	89	2400	0.	0.	42.	99.00

4	10	89	100	0.	0.	150.	99.04
4	10	89	200	0.	0.	-79.	99.08
4	10	89	300	0.	0.	-741.	99.12
4	10	89	400	0.	0.	-122.	99.17
4	10	89	500	0.	0.	438.	99.21
4	10	89	600	1000.	10200.	1937.	99.25
4	10	89	700	8300.	17200.	9037.	99.29
4	10	89	800	15400.	25100.	15632.	99.33
4	10	89	900	15500.	25600.	15485.	99.38
4	10	89	1000	15400.	25900.	15927.	99.42
4	10	89	1100	15400.	26000.	15886.	99.46
4	10	89	1200	15500.	26100.	15737.	99.50
4	10	89	1300	15600.	17500.	15702.	99.54
4	10	89	1400	12400.	17500.	12392.	99.58
4	10	89	1500	7800.	17600.	7795.	99.62
4	10	89	1600	7600.	17600.	7392.	99.67
4	10	89	1700	15300.	17500.	15108.	99.71
4	10	89	1800	15300.	17500.	15325.	99.75
4	10	89	1900	15600.	17400.	15743.	99.79
4	10	89	2000	7800.	17400.	7686.	99.83
4	10	89	2100	6100.	17800.	6098.	99.88
4	10	89	2200	0.	10800.	-853.	99.92
4	10	89	2300	0.	10800.	-309.	99.96
4	10	89	2400	0.	0.	91.	100.00
4	11	89	100	0.	0.	-678.	100.04
4	11	89	200	0.	0.	-344.	100.08
4	11	89	300	0.	0.	112.	100.12
4	11	89	400	0.	0.	0.	100.17
4	11	89	500	0.	0.	787.	100.21
4	11	89	600	0.	9900.	453.	100.25
4	11	89	700	7800.	16500.	8169.	100.29
4	11	89	800	15500.	25900.	15839.	100.33
4	11	89	900	15400.	26900.	15406.	100.38
4	11	89	1000	15400.	26700.	15975.	100.42
4	11	89	1100	15300.	18900.	15857.	100.46
4	11	89	1200	15300.	18300.	15628.	100.50
4	11	89	1300	7600.	18500.	7724.	100.54
4	11	89	1400	7300.	18400.	7294.	100.58
4	11	89	1500	7400.	18100.	7040.	100.62
4	11	89	1600	7300.	18100.	6886.	100.67
4	11	89	1700	7300.	17900.	7429.	100.71
4	11	89	1800	7300.	17900.	7674.	100.75
4	11	89	1900	15000.	18400.	15271.	100.79
4	11	89	2000	15200.	18400.	15292.	100.83
4	11	89	2100	15200.	18100.	15332.	100.88
4	11	89	2200	14500.	17900.	14728.	100.92
4	11	89	2300	1100.	18100.	635.	100.96
4	11	89	2400	0.	0.	-640.	101.00
4	12	89	100	0.	0.	-18.	101.04
4	12	89	200	0.	0.	-387.	101.08
4	12	89	300	0.	0.	-673.	101.12
4	12	89	400	0.	0.	-505.	101.17
4	12	89	500	0.	0.	253.	101.21
4	12	89	600	0.	0.	490.	101.25
4	12	89	700	16200.	16400.	17524.	101.29
4	12	89	800	23300.	25900.	23769.	101.33
4	12	89	900	22400.	25900.	22116.	101.38
4	12	89	1000	15700.	16500.	15742.	101.42
4	12	89	1100	14700.	0.	15321.	101.46
4	12	89	1200	7300.	0.	7217.	101.50
4	12	89	1300	700.	0.	106.	101.54
4	12	89	1400	0.	0.	-1365.	101.58
4	12	89	1500	0.	0.	-1457.	101.62
4	12	89	1600	0.	0.	-193.	101.67
4	12	89	1700	0.	0.	648.	101.71
4	12	89	1800	0.	9700.	671.	101.75

4	12	89	1900	0.	15600.	169.	101.79
4	12	89	2000	6000.	15600.	6731.	101.83
4	12	89	2100	7000.	15600.	7672.	101.88
4	12	89	2200	2300.	16400.	2281.	101.92
4	12	89	2300	0.	0.	-360.	101.96
4	12	89	2400	0.	0.	-663.	102.00
4	13	89	100	0.	0.	-216.	102.04
4	13	89	200	0.	0.	-102.	102.08
4	13	89	300	0.	0.	-280.	102.12
4	13	89	400	0.	0.	81.	102.17
4	13	89	500	0.	0.	41.	102.21
4	13	89	600	0.	0.	714.	102.25
4	13	89	700	27500.	23400.	27663.	102.29
4	13	89	800	32700.	30100.	32229.	102.33
4	13	89	900	33600.	31500.	32926.	102.38
4	13	89	1000	26500.	13400.	26736.	102.42
4	13	89	1100	15500.	9600.	16792.	102.46
4	13	89	1200	0.	4100.	-236.	102.50
4	13	89	1300	0.	0.	-14.	102.54
4	13	89	1400	0.	0.	-970.	102.58
4	13	89	1500	0.	0.	-1499.	102.62
4	13	89	1600	0.	0.	-418.	102.67
4	13	89	1700	0.	0.	408.	102.71
4	13	89	1800	0.	2800.	346.	102.75
4	13	89	1900	0.	9000.	543.	102.79
4	13	89	2000	5400.	9400.	6685.	102.83
4	13	89	2100	12400.	14100.	12944.	102.88
4	13	89	2200	11900.	8900.	11893.	102.92
4	13	89	2300	0.	0.	-851.	102.96
4	13	89	2400	0.	0.	-559.	103.00
4	14	89	100	0.	0.	165.	103.04
4	14	89	200	0.	0.	-812.	103.08
4	14	89	300	0.	0.	-119.	103.12
4	14	89	400	0.	0.	296.	103.17
4	14	89	500	0.	0.	-416.	103.21
4	14	89	600	0.	0.	263.	103.25
4	14	89	700	17000.	17000.	18220.	103.29
4	14	89	800	31700.	28100.	31890.	103.33
4	14	89	900	31700.	25400.	31143.	103.38
4	14	89	1000	25600.	16500.	25697.	103.42
4	14	89	1100	17100.	16500.	18076.	103.46
4	14	89	1200	0.	11700.	-501.	103.50
4	14	89	1300	0.	0.	-98.	103.54
4	14	89	1400	0.	0.	-500.	103.58
4	14	89	1500	0.	0.	-1157.	103.62
4	14	89	1600	0.	0.	-745.	103.67
4	14	89	1700	0.	0.	-29.	103.71
4	14	89	1800	0.	0.	389.	103.75
4	14	89	1900	0.	0.	635.	103.79
4	14	89	2000	6800.	14100.	8360.	103.83
4	14	89	2100	14900.	16200.	15375.	103.88
4	14	89	2200	14000.	0.	13671.	103.92
4	14	89	2300	0.	0.	-833.	103.96
4	14	89	2400	0.	0.	126.	104.00
4	15	89	100	0.	9000.	-442.	104.04
4	15	89	200	0.	9600.	-1209.	104.08
4	15	89	300	0.	9600.	275.	104.12
4	15	89	400	0.	9600.	690.	104.17
4	15	89	500	0.	9600.	320.	104.21
4	15	89	600	3500.	8400.	3980.	104.25
4	15	89	700	22700.	22700.	23183.	104.29
4	15	89	800	32500.	27200.	32356.	104.33
4	15	89	900	32600.	27900.	32153.	104.38
4	15	89	1000	32700.	25700.	32586.	104.42
4	15	89	1100	25800.	25500.	26436.	104.46
4	15	89	1200	15800.	23100.	16372.	104.50

4	15	89	1300	15800.	27700.	16492.	104.54
4	15	89	1400	15800.	28000.	16025.	104.58
4	15	89	1500	15900.	28200.	15761.	104.62
4	15	89	1600	15900.	28200.	15784.	104.67
4	15	89	1700	15900.	28500.	16012.	104.71
4	15	89	1800	22000.	28500.	22139.	104.75
4	15	89	1900	33200.	28500.	32326.	104.79
4	15	89	2000	33200.	28500.	32724.	104.83
4	15	89	2100	30500.	28500.	30582.	104.88
4	15	89	2200	16000.	28000.	16428.	104.92
4	15	89	2300	15800.	27900.	16510.	104.96
4	15	89	2400	15800.	28000.	16201.	105.00

APPENDIX D

Output From Finite Duration Line Source Model

watts bar nuclear plant
finite duration line source model

watts bar nuclear plant at trm 528.0

city of dayton at trm 503.80, 0. feet from right bank

chickamauga dam at trm 471.00

all times are in c time

release began on 4/ 2/89 at 2400
release ended on 4/15/89 at 0100
location of release = trm 527.40, 0. feet from right bank

rate of release = 0.01000 ft**3/sec = 4.49 gal/min
duration of release = 288.999 hours
decay coefficient = 0.000E+00 sec**(-1)

average river depth = 28. ft
average river width = 1143. ft

on 4/15/89 at 0100
elapsed time since start of release = 289.00 hours

the maximum concentration (c/c0) is 0.149084E-04
and is located at trm 526.34
at a distance of 114. feet from the right bank

****

the leading edge of the contaminant cloud
arrives at trm 526.34 at a distance of 114.3 feet
from the right bank on 4/ 3/89 at 0437,
4.61 hours following the start of the release

relative contaminant concentrations at
selected points in the cross-section at trm 526.34
on 4/15/89 at 0100, 289.00 hours after the
start of the contaminant release

y =	0.0	285.8	571.5	857.2	1143.0
c/c0 =	0.15E-04	0.46E-06	0.53E-09	0.30E-12	0.27E-15

maximum relative concentration at
selected points in the cross section at trm 526.34
the maximum concentration occurs at t hours
after the start of the contaminant release

y =	0.0	285.8	571.5	857.2	1143.0
date =	4/11/89	4/13/89	4/14/89	4/14/89	4/14/89

time =	2239	1149	1236	1236	1236
t =	214.6	251.8	276.6	276.6	276.6
c/c0 =	0.15E-04	0.46E-06	0.53E-09	0.30E-12	0.27E-15

****

the trailing edge of the contaminant cloud
passes trm 526.34 at a distance of 114.3 feet
from the right bank on 4/15/89 at 1806,
306.10 hours following the start of the release

****

first downstream water intake (city of dayton)

the leading edge of the contaminant cloud
arrives at trm 503.80 at a distance of 0.0 feet
from the right bank on 4/ 7/89 at 2022,
116.36 hours following the start of the release

maximum relative concentration at
selected points in the cross section at trm 503.80
the maximum concentration occurs at t hours
after the start of the contaminant release

y =	0.0	285.8	571.5	857.2	1143.0
date =	4/11/89	4/11/89	4/11/89	4/11/89	4/11/89
time =	0531	0531	0531	1216	0531
t =	197.5	197.5	197.5	204.3	197.5
c/c0 =	0.24E-05	0.20E-05	0.12E-05	0.49E-06	0.27E-06

****

the trailing edge of the contaminant cloud
passes trm 503.80 at a distance of 0.0 feet
from the right bank on 4/21/89 at 1345,
445.75 hours following the start of the release

****

the leading edge of the contaminant cloud
arrives at trm 527.15 at a distance of 17.3 feet
from the right bank on 4/ 3/89 at 0155,
1.91 hours following the start of the release

maximum relative concentration at
selected points in the cross section at trm 527.15
the maximum concentration occurs at t hours
after the start of the contaminant release

y =	0.0	17.3	571.5	857.2	1143.0
date =	4/ 5/89	4/ 5/89	4/ 9/89	4/12/89	4/13/89
time =	0255	0642	2002	0049	1431
t =	50.9	54.7	164.0	216.8	254.5
c/c0 =	1.10E-03	0.95E-04	0.29E-10	0.94E-14	0.63E-17

****

the trailing edge of the contaminant cloud
passes trm 527.15 at a distance of 17.3 feet
from the right bank on 4/16/89 at 0205,
314.08 hours following the start of the release

****

the leading edge of the contaminant cloud
arrives at trm 526.90 at a distance of 24.5 feet
from the right bank on 4/ 3/89 at 0255,
2.92 hours following the start of the release

maximum relative concentration at
selected points in the cross section at trm 526.90
the maximum concentration occurs at t hours
after the start of the contaminant release

y =	0.0	24.5	571.5	857.2	1143.0
date =	4/ 4/89	4/ 4/89	4/ 6/89	4/ 7/89	4/ 7/89
time =	1509	1653	2039	0517	0150
t =	39.2	40.9	92.6	101.3	97.8
c/c0 =	0.41E-04	0.38E-04	0.72E-10	0.26E-13	0.18E-16

****

the trailing edge of the contaminant cloud
passes trm 526.90 at a distance of 24.5 feet
from the right bank on 4/15/89 at 2037,
308.61 hours following the start of the release

****

the leading edge of the contaminant cloud
arrives at trm 526.65 at a distance of 30.0 feet
from the right bank on 4/ 3/89 at 0335,
3.59 hours following the start of the release

maximum relative concentration at
selected points in the cross section at trm 526.65
the maximum concentration occurs at t hours
after the start of the contaminant release

y =	0.0	30.0	571.5	857.2	1143.0
date =	4/ 4/89	4/ 4/89	4/ 5/89	4/ 6/89	4/ 7/89
time =	0523	0700	2006	1350	0735
t =	29.4	31.0	68.1	85.8	103.6
c/c0 =	0.24E-04	0.22E-04	0.19E-09	0.80E-13	0.62E-16

****

the trailing edge of the contaminant cloud

passes trm 526.65 at a distance of 30.0 feet
from the right bank on 4/15/89 at 1843,
306.71 hours following the start of the release