

SECTOR PROFILES

The following is a descriptive analysis of Regina's 77 forestry sectors. Trees along streets dividing one sector from another have been included in the sector of the lower number. Therefore, trees along a street dividing Sector 1 from Sector 2 have been included in the total for Sector 1. This method of counting is explained by the fact that when Forestry staff prune a street, for practical reasons, they do both sides. Sectors 41 – 49 and 75 – 79 are not included in the profiles. These numbers have been left open to allow for the future expansion of the city.

Definitions

Anthracnose is caused by many forms of the fungal groups Deuteromycotina/Coelomycetes. The symptoms include yellowing of leaves which during a wet/moist spring can cause the complete loss of the first generation leaves. Severe defoliation over several years may cause dieback in the lower crown. This malady normally does not cause tree death.

Black Knot is caused by *Apiosporina morbosa* fungus and causes damage in fruit and ornamental trees. The disease symptoms include elongated swelling or knots in the limbs. The knots grow and turn black causing reduced fruit production and will infect an entire tree area if no sanitation measures are in place. Tree death is usually not associated with this disease but sanitation (ie removal of the knot) usually results in tree removal.

Chlorosis is a nutrient deficiency induced by the soils of the prairies. The most common symptom is the yellowing of leaves with bright green veins. Many types of trees are susceptible to chlorosis including elm, maple, oak, birch etc. Symptoms may be uniform throughout the tree or patchy.

Dothiorella is caused by the fungus, *Dothiorella ulmi*. It is seen in American Elm trees and is often confused with Dutch elm disease (DED). *Dothiorella* wilt symptoms include wilting, curling, and yellowing of foliage followed by defoliation and gradual dieback of branches. The disease cannot be visually differentiated without isolation methods on agar.

Dutch Elm Disease is caused by the fungus *Opisthoxoma ulmi* and is seen in both American and Manchurian elms. DED symptoms include wilting, curling, and yellowing of foliage followed by defoliation and gradual to rapid dieback of branches. The disease is transmitted via the primary vector, the native or European elm bark beetle. The disease cannot be visually differentiated from *Dothiorella* or *Verticillium* without isolation methods on agar. This disease is always fatal to the elm tree.

Elm Yellows is caused by a mycoplasma-like organism (MLO) which is transmitted by leaf hoppers and other homopteran insects. Elm Yellows symptoms usually develop in mid June to mid September and include drooping, yellowing, and premature casting of foliage. The entire sequence of events occurs over a few weeks. All branches show the symptoms at the same time. Elm Yellows infected trees can show symptoms over several years. In American elms death is usually within the same season.

Fire Blight is caused by the bacterium *Erwinia amylovora*. It mainly affects fruit and ornamental tree species. The bacterium's symptoms infect the blossoms and leaves near the growing tips. Leaves will quickly wilt, yellow, and turn black but usually remain attached to the infected branches. Scorched like branches are the most recognizable symptoms. In windy and wet times it is very easily spread to other surrounding trees. Death of the tree usually occurs over several seasons.

Phytophthora is caused by *Phytophthora* fungus and is commonly known as a plant destroyer. The fungus reduces the amount of foliage over time and can cause the death of the tree. The symptoms include the production of a large canker that reduces the overall fitness of the tree and eventually results in dieback and death.

Scab is caused by the fungus group *Pyrenopeziza*. The fungus causes succulent leaves and shoots to become swollen and distorted with spots or blight. In fruit or ornamental plants the blight or spots also infect the fruit and fruiting bodies reducing the yield of fruits. The fungus is passed to the next generation via the previous years leaf fall. This malady does not kill the tree it infects.

Tar Spot is caused by the fungus species *Rhytisma* and affects many different types of tree hosts. Greenish yellow spots are the indication of an early infection. Black tar spots are indicative of a late infection and yellowing (chlorotic areas). The previous year's leaves transmit the fungus to the next generation of foliage. Tar spot is not known to kill trees but is mainly an aesthetic problem.

Verticillium is caused by the fungus *Verticillium albo-atrum* and *V. dahliae*. It is seen in many plants and trees including the American elm and is also confused with DED. *Verticillium* symptoms include rapid wilting curling, and yellowing of foliage followed by defoliation and rapid dieback of branches. Other external symptoms include reduced twig growth, dieback of twigs, and sparseness in the crown. The disease cannot be visually differentiated from DED without isolation methods on agar.

Wet Wood is a discoloured, water soaked condition of the heartwood of some trees caused by bacterial fermentation. It's often associated with a bad odour, gas and small wire worms. It is not known to cause death in trees.

Sector 1

Sector 1 is bounded by 4th Avenue on the north, Dewdney Avenue on the south, Elphinstone Street on the west and Albert Street on the east. It has a total of 1,549 trees. Elm trees constitute 74 per cent of the total tree population, ash 20 percent, other deciduous five per cent and coniferous one per cent. The majority of the trees (52 per cent) in this sector are large from 12.6 to 18.5 meters in height, 35 per cent are of medium height between 6.1 to 12.5 meters and 13 per cent are small trees up to 6 meters. The average diameter of the trees is 31.37 cm. In terms of maintenance needs, no trees required an emergency prune and 25 trees or two per cent required a priority prune. The inventory identified 33 vacant planting sites which constitute two per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had ten elms test positive for Dothiorella and two elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring for DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids and ash borers. In general due to the older age of the trees and the moderate incidence of tree diseases, this sector is a moderate priority.

Sector 2

Sector 2 is bounded by 4th Avenue on the north, Dewdney Avenue on the south, Lewvan Drive on the west and Elphinstone Street on the east. It has a total of 1,144 trees. Elms constitute 76 per cent of the total tree population, ash 18 per cent, coniferous three per cent, ornamentals two per cent and other deciduous one per cent. Almost two-thirds (64 per cent) of the trees in this sector are of medium height between 6.1 and 12.5 meters, 19 per cent are large between 12.6 and 18.5 meters and 17 per cent are small trees up to 6 meters. The average diameter of the trees in this sector is 32.30 cm. In terms of maintenance needs, no trees required an emergency prune and five trees or .4 per cent required a priority prune. The inventory identified three vacant sites which constitute only .26 per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the Dutch Elm Disease (DED) monitoring program had five elms test positive for Dothiorella and no elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring for DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids and ash borers. In general due to the older age of the trees and the moderate incidence of tree diseases, this sector is a moderate priority.

Sector 3

Sector 3 is bounded by McKinley Avenue on the north, 4th Avenue on the south, Elphinstone Street on the west and Albert Street on the east. It has a total of 1,475 trees. Elms constitute 68 per cent of the total tree population, ash 20 per cent, other deciduous trees ten per cent and coniferous two per cent. Two-thirds (66 per cent) of the trees in this sector are of medium height 6.1 to 12.5 meters, 33 per cent are small trees up to 6 meters and one per cent are large trees 12.6 to 18.5 meters in height. The average diameter of the trees in this sector is 22.63 cm. In terms of maintenance needs, no trees required an emergency prune, and only two trees or .14 per cent required a priority prune. The inventory identified 99 vacant sites which constitute six per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the Dutch Elm Disease (DED) monitoring program had seven elms test positive for Dothiorella and no elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring for DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids and ash borers. In general due to the older age of the trees and the moderate incidence of tree diseases, this sector is a moderate priority.

Sector 4

Sector 4 is bounded by McKinley Avenue on the north, 4th Avenue on the south, Lewvan Drive on the west and Elphinstone Street on the east. It has a total of 2,727 trees. Elms constitute 68 per cent of the total tree population, ash 11 per cent, other deciduous 13 per cent, coniferous six per cent and ornamentals two per cent. Sixty-four per cent of the trees in this sector are of medium height 6.1 to 12.5 meters while the remaining 36 per cent are small trees up to 6 meters. The average diameter of the trees in this sector is 25.77 cm. In terms of maintenance needs, no trees required an emergency prune and 101 trees or four per cent required a priority prune. The inventory identified 66 vacant sites which constitute two per cent of the total tree planting sites in the sector. One hundred trees located on the Regent Park Par 3 Golf Course were identified for removal.

From 1992 to 1999 inclusive the Dutch Elm Disease (DED) monitoring program had no elms test positive for Dothiorella or Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring for DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids and ash borers. In general due to the older age of the trees and the moderate incidence of tree diseases, this sector is a moderate priority.

Sector 5

Sector 5 is bounded by Woodward Avenue on the north, Avonhurst Drive on the south, Argyle Street North on the west and Albert Street on the east. It has a total of 1,331 trees. Elms constitute 72 per cent of the total tree population, ash 14 per cent, coniferous seven per cent, other deciduous four per cent and ornamentals three per cent. Most of the trees (82 per cent) in this sector are of medium height 6.1 to 12.5 meters, 16 per cent are small trees up to 6 meters with two per cent very large trees over 18.5 meters. The average diameter of the trees in this sector is 24.71 cm. In terms of maintenance needs, no trees required an emergency prune and 8 trees or .60 per cent required a priority prune. The inventory identified 12.58 vacant site which constitute nine per cent of the total tree planting sites in the sector. Two trees required removal.

From 1992 to 1999 inclusive the Dutch Elm Disease (DED) monitoring program had 45 elms test positive for Dothiorella and three elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring for DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids and ash borers. In general due to the moderate age of the trees and the high incidence of tree diseases, this sector is a high priority.

Sector 6

Sector 6 is bounded by McCaul Crescent on the north, Sherwood Drive on the south, Pasqua Street on the west and Argyle Street North on the east. It has a total of 901 trees. Elms constitute 47 per cent of the total tree population, ash 36 per cent, other deciduous eight per cent, coniferous five per cent and ornamentals four per cent. Small trees up to 6 meters in height comprise 39 per cent of the trees in this sector, medium sized trees 6.1 to 12.5 meters 26 per cent and large trees 12.6 to 18.5 meters in height 35 per cent. The average diameter for the trees in

this sector is 27.91 cm. In terms of maintenance needs, one emergency prune was identified and eight trees or .88 per cent required a priority prune. The inventory identified 12.54 vacant sites which constitute 12.5 per cent of the total tree planting sites in the sector. One tree required removal.

From 1992 to 1999 inclusive the Dutch Elm Disease (DED) monitoring program had eight elms test positive for Dothiorella and no elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring for DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids, ash plant bug and ash borers. In general due to the moderate age of the trees and the low to moderate incidence of fungal diseases, this sector is a high priority.

Sector 7

Sector 7 is bounded by Ring Road on the north, 6th Avenue North on the south, Argyle Street North on the west and Albert Street on the east. It has a total of 2,586 trees. Elms constitute 33 per cent of the total tree population, ash 22 per cent, coniferous 17 per cent, other deciduous 17 per cent and ornamentals 11 per cent. Small trees up to 6 meters in height comprise 53 per cent of the trees in this sector, medium sized trees from 6.1 to 12.5 meters comprise 43 per cent and large trees 12.6 to 18.5 meters in height four per cent. The average diameter of the trees in this sector is 23.45 cm. In terms of maintenance needs, no trees required an emergency or a priority prune. The inventory identified 152 vacant sites which constitute six per cent of the total tree planting sites in the sector. Two trees required removal.

Since this sector is not a monoculture the chances of any one pest doing major damage is reduced. From 1992 to 1999 inclusive the Dutch Elm Disease (DED) monitoring program had no elms test positive for Dothiorella or Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring for DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids, ash plant bug and ash borers. In general due to the moderate age of the trees and the low incidence of fungal diseases, this sector is a low priority.

Sector 8

Sector 8 is bounded by Carnegie Place and Partridge Crescent on the north, Ring Road on the south, Argyle Street North on the west and Albert Street on the east. It has a total of 1,224 trees. Ash constitute 45 per cent of the total tree population, other deciduous 22 per cent, coniferous 15 per cent, elms 11 per cent and ornamentals seven per cent. Half (50 per cent) of the trees in this sector are small trees up to 6 meters in height. The other half (50 per cent) are medium sized trees 6.1 to 12.5 meters in height. The average diameter of the trees in this sector is 19.16 cm. In terms of maintenance needs, no trees required an emergency or a priority prune. The inventory identified 94 vacant sites which constitute seven per cent of the total tree planting sites in the sector. Ten trees required removal.

Since this sector is not a monoculture the chances of any one pest doing major damage is reduced. From 1992 to 1999 inclusive the Dutch Elm Disease (DED) monitoring program had no

elms test positive for Dothiorella or Verticilium. No elms were found to have DED. Priorities consist of the monitoring and control of ash plant bug and ash borers. In general due to the moderate age of the trees and the low incidence of fungal diseases, this sector is a low priority.

Sector 9

Sector 9 is bounded by Trifunov Crescent on the north, the Ring Road on the south, Pasqua Street on the west and Argyle Street North on the east. It has a total of 1,146 trees. Ash constitute 34 per cent of the total tree population, elm 25 per cent other deciduous 22 per cent, coniferous 16 per cent and ornamentals three per cent. The majority of trees in this sector (64 per cent) are of medium height 6.1 to 12.5 meters, 30 per cent are small trees up to 6 meters, four per cent are large trees 12.6 to 18.5 meters and two per cent are very large trees over 18.5 meters in height. The average diameter of the trees in this sector is 26.40 cm. In terms of maintenance needs, no trees required an emergency or a priority prune. The inventory identified 45 vacant sites which constitute four per cent of the total tree planting sites in the sector. One tree required removal.

Since this sector is not a monoculture the chances of any one pest doing major damage is reduced. From 1992 to 1999 inclusive the Dutch Elm Disease (DED) monitoring program had no elms test positive for Dothiorella or Verticilium. No elms were found to have DED. Priorities consist of the monitoring and control of DED, cankerworms, aphids, ash plant bug and ash borers. In general due to the moderate age of the trees and the low incidence of fungal diseases, this sector is a low priority.

Sector 10

Sector 10 is bounded by 4th Avenue on the north, Dewdney Avenue on the south, Campbell Street on the west and Lewvan Drive on the east. It has a total of 3,208 trees. Elms constitute 56 per cent of the total tree population, ash 28 per cent, coniferous eight per cent, other deciduous six per cent and ornamentals two per cent. Medium size trees 6.1 to 12.5 meters in height comprise 70 per cent of the total trees in this sector, small trees up to 6 meters comprise 28 per cent and large trees 12.6 to 18.5 meters in height two per cent. The average diameter of the trees in this sector is 27.46 cm. In terms of maintenance needs, no trees required an emergency prune and 13 or .40 per cent required a priority prune. The inventory identified 87 vacant sites which constitute three per cent of the total tree planting sites in the sector. Two trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had 12.5 elms test positive for Dothiorella and no elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring for DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids and ash borers. Due to the recent discovery of DED in a neighbouring sector in 1999, this sector is a high priority for DED monitoring and control.

Sector 11

Sector 11 is bounded by a line which cuts across the storm channel joining 4th Avenue and Courtney Street on the north, Dewdney Avenue on the south, Courtney Street on the west and McCarthy Boulevard on the east. It has a total of 2,504 trees. Ash constitute 31 per cent of the total tree population, coniferous 27 per cent, other deciduous 23 per cent, elms 15 per cent and ornamentals four per cent. Small trees up to 6 meters in height comprise 64 per cent of the tree population, medium sized trees 6.1 to 12.5 meters comprise 34 per cent and large trees 12.6 to 18.5 meters two per cent. The average diameter of the trees in this sector is 16.85 cm. In terms of maintenance needs, no trees required an emergency prune and only six or .23 per cent required a priority prune. The inventory identified 182 vacant sites which constitute seven per cent of the total tree planting sites in the sector. Ten trees required removal.

Since this sector is not a monoculture the chances of any one pest doing major damage is reduced. From 1992 to 1999 inclusive the Dutch Elm Disease (DED) monitoring program had no elms test positive for Dothiorella or Verticilium. No elms were found to have DED. Priorities consist of the monitoring and control of ash plant bug and ash borers. In general due to the moderate age of the trees and the low incidence of fungal diseases, this sector is a low priority.

Sector 12

Sector 12.5 is bounded by McKinley Avenue on the north, 4th Avenue on the south, Campbell Street on the west and Lewvan Drive on the east. It has a total of 2,552 trees. Elms constitute 53 per cent of the total tree population, ash 35 per cent, other deciduous six per cent, coniferous four per cent and ornamentals two per cent. Medium sized trees from 6.1 to 12.5 meters in height comprise 78 per cent of the tree population, small trees up to 6 meters comprise 21 per cent and large trees 12.6 to 18.5 meters in height, one per cent. In terms of maintenance needs, no trees required an emergency prune and 12.5 trees or .47 per cent required a priority prune. The inventory identified 39 vacant sites which constitute one per cent of the total tree planting site in the sector. Four trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had 11 elms test positive for Dothiorella and no elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring for DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids, ash plant bug and ash borers. In general due to the moderate age of the trees and the moderate incidence of tree diseases, this sector is a moderate priority.

Sector 13

Sector 13 is bounded by 1st Avenue North on the north, a line across the storm channel joining 4th Avenue and Courtney Street on the south, Courtney Street on the west and McCarthy Boulevard on the east. It has a total of 1,839 trees. Ash constitute 61 per cent of the tree population, elms 16 per cent, other deciduous ten per cent, coniferous ten per cent and ornamentals three per cent. Small trees up to 6 meters in height comprise 64 per cent of the trees in this sector, medium sized trees 6.1 to 12.5 meters comprise 35 per cent and large trees 12.6 to

18.5 meters in height one per cent. The average diameter of trees in this sector is 16.86 cm. In terms of maintenance needs, no trees required emergency prune and 29 or 15 per cent required a priority prune. The inventory identified 88 vacant sites which constitute five per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had no elms test positive for Dothiorella or Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring for DED, ash plant bug, ash borers, cankerworms and aphids. In general due to the moderate age of the trees and the low incidence of tree diseases, this sector is a low priority.

Sector 14

Sector 14 is bounded by Sherwood Drive on the north, 1st Avenue North on the south, McIntosh Street and Pasqua Street on the east. It has a total of 599 trees. Elms constitute 44 per cent of the tree population, ash 35 per cent, other deciduous 19 per cent and coniferous two per cent. Medium sized trees 6.1 to 12.5 meters in height comprise 80 per cent of the trees in this sector, large trees 12.6 to 18.5 meters comprise 13 per cent and small trees up to 6 meters in height seven per cent. The average diameter for the trees in this sector is 27.65 cm. In terms of maintenance needs, no trees required an emergency prune and three trees or .52 per cent required a priority prune. The inventory identified 12.58 vacant sites which constitute 18 per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had six elms test positive for Dothiorella and no elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring for DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids, ash plant bug and ash borers. In general due to the moderate age of the trees and the moderate incidence of tree diseases, this sector is a moderate priority.

Sector 15

Sector 15 is bounded by Sherwood Drive on the north, 1st Avenue North on the south, McCarthy Boulevard on the west and McIntosh Street on the east. It has a total of 1,200 trees. Ash constitute 45 per cent of the trees in this sector, elms 28 per cent, other deciduous 13 per cent, coniferous ten per cent and ornamentals four per cent. Medium sized trees 6.1 to 12.5 meters in height comprise 67 per cent of the tree population, small trees up to 6 meters comprise 32 per cent and large trees 12.6 to 18.5 meters in height one per cent. The average diameter for the trees in this sector is 21.11 cm. In terms of maintenance needs, no trees required an emergency prune and only one tree or .08 per cent required a priority prune. The inventory identified 106 vacant sites which constitute eight per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had no elms test positive for Dothiorella or Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring for DED, ash plant bug, ash borers, cankerworms and aphids. In general

due to the moderate age of the trees and the low incidence of tree diseases, this sector is a low priority.

Sector 16

Sector 16 is bounded by the Ring Road on the north, Sherwood Drive on the south, McIntosh Street on the west and Pasqua Street on the east. It has a total of 932 trees. Elms constitute 72 per cent of the trees in this sector, ash 16 per cent, coniferous six per cent, other deciduous five per cent and ornamentals one per cent. Large trees 12.6 to 18.5 meters in height comprise 56 per cent of the tree population, medium sized trees 6.1 to 12.5 meters comprise 41 per cent and small trees up to 6 meters three per cent. The average diameter of the trees in this sector is 32.77 cm. In terms of maintenance needs, no trees required an emergency prune and only one or .10 per cent required a priority prune. The inventory identified 103 vacant sites which constitute ten per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had three elms test positive for Dothiorella and no elms tested positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring for DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids, ash plant bug and ash borers. In general due to the moderate age of the trees and the low to moderate incidence of tree diseases, this sector is a low priority.

Sector 17

Sector 17 is bounded by the Ring Road on the north, Sherwood Drive on the south, McCarthy Boulevard on the west and McIntosh Street on the east. It has a total of 1,316 trees. Ash constitute 57 per cent of the trees in this sector, elms 30 per cent, coniferous eight per cent, other deciduous three per cent and ornamentals two per cent. Medium sized trees 6.1 to 12.5 meters in height comprise 68 per cent of the tree population, small trees up to 6 meters in height comprise 18 per cent and large trees 12.6 to 18.5 meters 14 per cent. The average diameter of the trees in this section is 32.25 cm. In terms of maintenance needs, no trees required an emergency prune and only two or .15 per cent required a priority prune. The inventory identified 71 vacant sites which constitute five per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 no elms tested positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring for ash plant bug and ash borers. Other priorities consist of the monitoring of DED as well as the continued monitoring and control of cankerworms and aphids. In general due to the moderate age of the trees and the low incidence of tree diseases, this sector is a low priority.

Sector 18

Sector 18 is bounded by Rochdale Boulevard on the north, 1st Avenue North on the south, McIntosh Street on the west and Pasqua Street on the east. It has a total of 1,663 trees. Elms constitute 47 per cent of the trees in the sector, ash 22 per cent, other deciduous 18 per cent,

coniferous 11 per cent and ornamentals two per cent. Medium sized trees 6.1 to 12.5 meters in height comprise 55 per cent of the tree population, large trees 12.6 to 18.5 meters in height comprise 30 per cent and small trees up to 6 meters 15 per cent. The average diameter of the trees in this sector is 25.56 cm. In terms of maintenance needs, no trees required an emergency prune and 4 trees or .24 per cent required a priority prune. The inventory identified 59 vacant sites which constitute three per cent of the total tree planting sites in the sector. Nine trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had one elm test positive for Dothiorella and one elm test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring for DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids, ash plant bug and ash borers. In general due to the moderate age of the trees and the low incidence of tree diseases, this sector is a low priority.

Sector 19

Sector 19 is bounded by Rochdale Boulevard on the north, 1st Avenue North on the south, McCarthy Boulevard on the west and McIntosh Street on the east. It has a total of 2,019 trees. Ash constitute 35 per cent of the trees in this sector, elms 28 per cent, other deciduous 19 per cent, coniferous 14 per cent and ornamentals four per cent. Medium sized trees 6.1 to 12.5 meters in height comprise 56 per cent of the tree population, small trees up to 6 meters in height comprise 27 per cent and large trees 12.6 to 18.5 meters in height 17 per cent. The average diameter of the trees in this sector is 23.88 cm. In terms of maintenance needs, no trees required an emergency prune and six trees or .29 per cent required a priority prune. The inventory identified 70 vacant sites which constitute three per cent of the total tree planting sites in the sector. No trees required removal.

Since this sector is not a monoculture the chances of any one pest doing major damage is reduced. From 1992 to 1999 inclusive the DED monitoring program had three elms test positive for Dothiorella and no elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the monitoring and control of DED, cankerworms, aphids, ash plant bug and ash borers. In general due to the moderate age of the trees and the low incidence of fungal diseases, this sector is a low priority.

Sector 20

Sector 20 is bounded by Ring Road on the north, 1st Avenue North on the south, CNR tracks on the west and McCarthy Boulevard on the east. It has a total of 1,252 trees. Ash constitute 64 per cent of the trees in the sector, coniferous 16 per cent, other deciduous 11 per cent, elms seven per cent and ornamentals two per cent. Small trees up to 6 meters in height comprise 76 per cent of the tree population, medium sized trees 6.1 to 12.5 meters in height comprise 23 per cent and large trees 12.6 to 18.5 meters one per cent. The average diameter of trees in this sector is 18.83 cm. In terms of maintenance needs, no trees required an emergency prune and three trees or .23 per cent required a priority prune. The inventory identified 31 vacant sites which constitute two per cent of the total tree planting sites in the sector. One tree required removal.

From 1992 to 1999 inclusive the DED monitoring program had one elm test positive for Dothiorella and no elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring for DED, ash plan bug, ash borers, cankerworms and aphids. In general due to the moderate age of the trees and the low incidence of tree diseases, this sector is a low priority.

Sector 21

Sector 21 is bounded by 9th Avenue North on the north, 1st Avenue North on the south, Courtney Street on the west and the CNR tracks on the east. It has a total of 1,341 trees. Other deciduous constitute 34 per cent of the trees in this sector, ash 26 per cent, coniferous 17 per cent, elms 17 per cent and ornamentals six per cent. Medium sized trees 6.1 to 12.5 meters in height comprise 58 per cent of the tree population, small trees up to 6 meters comprise 38 per cent and large trees 12.6 to 18.5 meters in height four per cent. The average diameter of the trees in this sector is 21.10 cm. In terms of maintenance needs, no trees required an emergency prune or a priority prune. The inventory identified 55 vacant sites which constitute four per cent of the total tree planting sites in the sector. No trees required removal.

Since this sector is not a monoculture the chances of any one pest doing major damage is reduced. From 1992 to 1999 inclusive the DED monitoring program had no elms test positive for Dothiorella or Verticilium. No elms were found to have DED. Priorities consist of the monitoring and control of DED, cankerworms, aphids, ash plant bug and ash borers. In general due to the young age of the trees and the low incidence of fungal diseases, this sector is a low priority.

Sector 22

Sector 22 is bounded by Rochdale Boulevard on the north, 1st Avenue North on the south, the CNR tracks on the west and McCarthy Boulevard on the east. It has a total of 2,480 trees. Ash constitute 36 per cent of the trees in the sector, other deciduous 23 per cent, coniferous 16 per cent, elms 16 per cent and ornamentals nine per cent. Small trees up to 6 meters in height comprise 52 per cent of the tree population, medium sized trees 6.1 to 12.5 meters in height comprise 43 per cent and large trees 12.6 to 18.5 meters five per cent. The average diameter of the trees in this sector is 20.39 cm. In terms of maintenance needs, no trees required an emergency or priority prune. The inventory identified 25 vacant sites which comprise one per cent of the total tree planting sites in the sector. No trees required removal.

Since this sector is not a monoculture the chances of any one pest doing major damage is reduced. From 1992 to 1999 inclusive the DED monitoring program had no elms test positive for Dothiorella and one elm test positive for Verticilium. No elms were found to have DED. Priorities consist of the monitoring and control of DED, cankerworms, aphids, ash plant bug and ash borers. In general due to the young age of the trees and the low incidence of fungal diseases, this sector is a low priority.

Sector 23

Sector 23 is bounded by Rochdale Boulevard on the north, 1st Avenue North on the south, Courtney Street on the west and the CNR tracks on the east. It has a total of 1,800 trees. Ash constitute 40 per cent of the trees in the sector, other deciduous 21 per cent, coniferous 18 per cent, elms 16 per cent and ornamentals five per cent. Small trees up to 6 meters in height comprise 67 per cent of the tree population, medium sized trees 6.1 to 12.5 meters in height comprise 29 per cent and large trees 12.6 to 18.5 meters four per cent. The average diameter for a tree in this sector is 17.72 cm. In terms of maintenance needs, no trees required an emergency prune and 460 trees or 25 per cent required a priority prune. The inventory identified 138 vacant sites which constitute two per cent of the total tree planting sites in the sector. Five trees required removal.

Since this sector is not a monoculture the chances of any one pest doing major damage is reduced. From 1992 to 1999 inclusive the DED monitoring program had no elms test positive for Dothiorella or Verticilium. No elms were found to have DED. Priorities consist of the monitoring and control of DED, cankerworms, aphids, ash plant bug and ash borers. In general due to the young age of the trees and the low incidence of fungal diseases, this sector is a low priority.

Sector 24

Sector 24 is bounded by the city limits on the north, Rochdale Boulevard on the south, Courtney Street on the west and CNR tracks on the east. It has a total of 1,055 trees. Coniferous constitute 41 per cent of the trees in the sector, ash 22 per cent, other deciduous 22 per cent, ornamental 14 per cent and elms one per cent. Small trees up to 6 meters in height comprise 75 per cent of the tree population, medium sized trees 6.1 to 12.5 meters in height comprise 24 per cent and large trees 12.6 to 18.5 meters in height one per cent. The average diameter of the trees in this sector is 16.35 cm. In terms of maintenance needs, no trees required an emergency prune and 72 trees or seven per cent required a priority prune. The inventory identified 94 vacant sites which constitute eight per cent of the total tree planting sites in the sector. Seven trees required removal.

Since this sector is not a monoculture the chances of any one pest doing major damage is reduced. From 1992 to 1999 inclusive the DED monitoring program had no elms test positive for Dothiorella or Verticilium. No elms were found to have DED. Priorities consist of the monitoring and control of ash plant bug and ash borers. In general due to the young age of the trees and the low incidence of fungal diseases, this sector is a low priority.

Sector 25

Sector 25 is bounded by the city limits on the north, Rochdale Boulevard on the south, the CNR tracks on the west and McCarthy Boulevard on the east. It has a total of 1,563 trees. Other deciduous trees constitute 39 per cent of the trees in the sector, ash 34 per cent, coniferous 20 per cent and ornamentals seven per cent. Small trees up to 6 meters in height comprise 76 per cent of the tree population, medium sized 6.1 to 12.5 meters comprise 21 per cent and large trees

12.6 to 18.5 meters in height three per cent. The average diameter of the trees in this sector is 14.60 cm. In terms of maintenance needs, no trees required an emergency prune but 176 trees or 11 per cent required a priority prune. The inventory identified 266 vacant sites which constitute 15 per cent of the total tree planting sites in the sector. Six trees required removal.

Since this sector is not a monoculture the chances of any one pest doing major damage is reduced. From 1992 to 1999 inclusive the DED monitoring program had no elms test positive for Dothiorella or Verticilium. No elms were found to have DED. Priorities consist of the monitoring and control of ash plant bug and ash borers. In general due to the young age of the trees and the low incidence of fungal diseases, this sector is a low priority.

Sector 26

Sector 26 is bounded by a line extending 9th Avenue North past the city limits on the north, the CNR tracks on the south, Pinkie Road on the west and Courtney Street on the east. It has a total of 3,115 trees. Other deciduous trees constitute 46 per cent of the trees in the sector, coniferous 26 per cent, ash 22 per cent, ornamentals five per cent and elms one per cent. Small trees up to 6 meters in height comprise 86 per cent of the tree population, medium sized trees 6.1 to 12.5 meters in height comprise 12.5 per cent and large trees 12.6 to 18.5 meters two per cent. The average diameter of the trees in the sector is 12.5.31 cm. In terms of maintenance needs, no trees required an emergency prune and 667 trees or 21 per cent required a priority prune. The inventory identified 163 vacant sites which constitute five per cent of the total tree planting sites in the sector. Two hundred and thirty-two trees located on the Joanne Goulet Golf Course were identified for removal. These trees were part of a natural stand of trees that had deteriorated over the years.

Since this sector is not a monoculture the chances of any one pest doing major damage is reduced. From 1992 to 1999 inclusive the DED monitoring program had no elms test positive for Dothiorella or Verticilium. No elms were found to have DED. Priorities consist of the monitoring and control of ash plant bug and ash borers. In general due to the young age of the trees and the low incidence of fungal diseases, this sector is a low priority.

Sector 27

Sector 27 is bounded by the city limits on the north, Rochdale Boulevard on the south, McCarthy Boulevard on the west and Pasqua Street on the east. It has a total of 1,111 trees. Coniferous trees constitute 34 per cent of the trees in the sector, ash 25 per cent, other deciduous 21 per cent and ornamentals 20 per cent. Small trees up to 6 meters in height comprise 92 per cent of the tree population and medium sized trees 6.1 to 12.5 meters in height eight per cent. The average diameter of the trees in the sector is 11.21 cm. In terms of maintenance needs, no trees required an emergency prune and 36 trees or three per cent required a priority prune. The inventory identified 333 vacant sites which constitute 23 per cent of the total tree planting sites in the sector. No trees required removal.

Since this sector is not a monoculture the chances of any one pest doing major damage is reduced. From 1992 to 1999 inclusive the DED monitoring program had no elms test positive

for Dothiorella or for Verticilium. No elms were found to have DED. Priorities consist of the monitoring and control of ash plant bug and ash borers. In general due to the young age of the trees and the low incidence of fungal diseases, this sector is a low priority.

Sector 30

Sector 30 is bounded by the CNR tracks on the north, Dewdney Avenue on the south, Albert Street on the west and Broad Street on the east. It has a total of 2,272 trees. Ash constitute 63 per cent of the trees in the sector, coniferous 18 per cent, elms 17 per cent, other deciduous one per cent and ornamentals one per cent. Large trees 12.6 to 18.5 meters in height comprise 51 per cent of the tree population, medium sized trees 6.1 to 12.5 meters comprise 38 per cent, small trees up to 6 meters nine per cent and very large trees over 18.5 meters two per cent. The average diameter of the trees in this sector is 38.19 cm. In terms of maintenance needs, no trees required either an emergency or a priority prune. The inventory identified 64 vacant sites which constitute three per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had two elms test positive for Dothiorella and no elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED, ash plant bug, cankerworms and ash borers. In general due to the older age of the trees and the moderate incidence of tree diseases, this sector is a moderate priority.

Sector 31

Sector 31 is bounded by the CNR tracks on the north, Dewdney Avenue on the north, Broad Street on the west and Winnipeg Street on the east. It has a total of 210 trees. Ash constitute 40 per cent of the trees in the sector, coniferous 29 per cent, elms 21 per cent, other deciduous five per cent and ornamentals five per cent. Small trees up to 6 meters in height comprise 65 per cent of the tree population and medium sized trees 6.1 to 12.5 meters in height comprise 35 per cent. The average diameter of the trees in the sector is 20.06 cms. In terms of maintenance needs, no trees required an emergency or priority prune. The inventory identified no vacant tree planting sites. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had no elms test positive for Dothiorella or Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED, ash plant bug, cankerworms, aphids and ash borers. In general due to the young age of the trees and the low incidence of tree diseases, this sector is a low priority.

Sector 32

Sector 32 is bounded by the Ring Road on the north, the CNR tracks on the south, Albert Street on the west and Broad Street on the east. It has a total of 2,086 trees. Elms constitute 47 per cent of the trees in the sector, ash 21 per cent, other deciduous 19 per cent, coniferous 10 per cent and ornamentals three per cent. Medium sized trees 6.1 to 12.5 meters in height comprise 58 per cent of the tree population, small trees up to 6 meters in height comprise 41 per cent and large

trees 12.6 to 18.5 meters one per cent. The average diameter of the trees in the sector is 23.87 cm. In terms of maintenance needs, no trees required an emergency prune and 24 trees or one per cent required a priority prune. The inventory identified 167 vacant sites which constitute seven per cent of the total tree planting sites in the sector. Seven trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had 28 elms test positive for Dothiorella and one elm test positive Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED, ash plant bug, cankerworms, aphids and ash borers. In general due to the moderate age of the trees and the high incidence of tree diseases, this sector is a high priority.

Sector 33

Sector 33 is bounded by the Ring Road on the north, the CNR Tracks on the south, Broad Street on the west and Winnipeg Street on the east. It has a total of 1,927 trees. Elms constitute 58 per cent of the trees in the sector, ash 20 per cent, other deciduous 11 per cent, coniferous nine per cent and ornamentals two per cent. Medium sized trees 6.1 to 12.5 meters in height comprise 57 per cent of the tree population, small trees up to 6 meters in height comprise 42 per cent and large trees 12.6 to 18.5 meters one per cent. The average diameter of the trees in the sector is 22.17 cm. In terms of maintenance needs, no trees required an emergency prune and 14 trees or .72 per cent required a priority prune. The inventory identified 61 vacant sites which constitute three per cent of the total tree planting sites in the sector. Seven trees required removal. From 1992 to 1999 inclusive the DED monitoring program had 40 elms test positive for Dothiorella and no elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids and ash borers. In general due to the moderate age of the trees and the high incidence of fungal diseases, this sector is a high priority.

Sector 34

Sector 34 is bounded by Catherwood Drive on the north, the Ring Road on the south, Albert Street on the west and Broad Street on the east. It has a total of 1,937 trees. Ash constitute 47 per cent of the trees in the sector, elm 22 per cent, other deciduous 16 per cent, coniferous 12.5 per cent and ornamentals three per cent. Medium sized trees 6.1 to 12.5 meters in height comprise 62 per cent of the tree population, small trees up to 6 meters in height comprise 37 per cent and large trees 12.6 to 18.5 meters one per cent. The average diameter of the trees in the sector is 19.68 cm. In terms of maintenance needs, no trees required an emergency prune and 14 trees or .72 per cent required a priority prune. The inventory identified 176 vacant sites which constitute eight per cent of the total planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had two elms test positive for Dothiorella and no elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED, ash plant bug, ash borers, cankerworms and aphids. As this sector borders Sector 35 which had a positive DED identification in 1997, it is a priority for monitoring.

Sector 35

Sector 35 is bounded by the city limits on the north, the Ring Road on the south, Broad Street on the west and Winnipeg Street on the east. It has a total of 1,509 trees. Ash constitute 54 per cent of the trees in the sector, other deciduous 18 per cent, coniferous 15 per cent, elms ten per cent and ornamentals three per cent. Medium sized trees 6.1 to 12.5 meters in height comprise 54 per cent of the tree population, small trees up to 6 meters in height comprise 42 per cent and large trees 12.6 to 18.5 meters four per cent. The average diameter of the trees in the sector is 18.67 cm. In terms of maintenance needs, no trees required an emergency prune and 36 trees or two per cent required a priority prune. The inventory identified 93 vacant sites which constitute six per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had one elm test positive for Dothiorella and no elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED, ash plant bug, ash borers, cankerworms and aphids. This sector had a positive DED identification in 1997 and as a result is considered a priority for monitoring.

Sector 36

Sector 36 is bounded by the CNR tracks on the north, Dewdney Avenue on the south, Winnipeg Street on the west and Park Street on the east. It has a total of 1,901 trees. Ash constitute 35 per cent of the trees in the sector, elms 33 per cent, coniferous 19 per cent, other deciduous 11 per cent and ornamentals two per cent. Medium sized trees 6.1 to 12.5 meters in height comprise 52 per cent of the tree population, small trees up to 6 meters in height comprise 47 per cent and large trees 12.6 to 18.5 meters in height one per cent. The average diameter of the trees in the sector is 25.89 cm. In terms of maintenance needs, no trees required an emergency prune and 22 trees or one per cent required a priority prune. The inventory identified 24 vacant sites which constitute one per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had six elms test positive for Dothiorella and no elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED, ash plant bug, ash borers, cankerworms and aphids. In general due to the moderate age of the trees and the low to moderate incidence of fungal diseases, this sector is a low priority.

Sector 37

Sector 37 is bounded by the CNR tracks on the north, Dewdney Avenue on the south, Park Street on the west and the Ring Road on the east. It has a total of 447 trees. Ash constitute 53 per cent of the trees in the sector, elms 36 per cent, other deciduous nine per cent and coniferous two per cent. Medium sized trees 6.1 to 12.5 meters in height comprise 87 per cent of the tree population, small trees up to 6 meters in height comprise 11 per cent and very large trees over 18.5 meters two per cent. The average diameter of the trees in the sector is 22.19 cm. In terms of maintenance needs, no trees required an emergency prune and five trees or one per cent

required a priority prune. The inventory identified 82 vacant sites which constitute 16 per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had one elm test positive for Dothiorella and no elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED, ash plant bug, ash borers, cankerworms and aphids. In general due to the moderate age of the trees and the low incidence of tree diseases, this sector is a low priority.

Sector 38

Sector 38 is bounded by Ross Avenue on the north, Dewdney Avenue on the south, the Ring Road on the west and Fleet Street on the east. It has a total of 2,485 trees. Ash constitute 51 per cent of the trees in the sector, elms 22 per cent, other deciduous 15 per cent, coniferous nine per cent and ornamentals three per cent. Small trees up to 6 meters in height comprise 80 per cent of the tree population, medium sized trees 6.1 to 12.5 meters comprise 19 per cent and large trees 12.6 to 18.5 meters one per cent. The average diameter of the trees in the sector is 14.66 cm. In terms of maintenance needs, no trees required an emergency prune and nine trees or .36 per cent required a priority prune. The inventory identified 203 vacant sites which constitute eight per cent of the total tree planting sites in the sector. One tree required removal.

From 1992 to 1999 inclusive the DED monitoring program had one elm test positive for Dothiorella and one elm test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED, ash plant bug, ash borers, cankerworms and aphids. In general due to the young age of the trees and the low incidence of tree diseases, this sector is a low priority.

Sector 39

Sector 39 is bounded by 9th Avenue North on the north, the CNR tracks on the south, Winnipeg Street on the west and Fleet Street on the east. It has a total of 1,113 trees. Ash constitute 48 per cent of the trees in the sector, other deciduous 27 per cent, coniferous 12.5 per cent, elms seven per cent and ornamentals six per cent. Small trees up to 6 meters in height comprise 79 per cent of the tree population in the sector and medium sized trees 6.1 to 12.5 meters comprise 21 per cent. The average diameter of the trees in the sector is 17.74 cm. In terms of maintenance needs, no trees required either an emergency or a priority prune. The inventory identified 344 vacant sites which constitute 24 per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had no elms test positive for Dothiorella or Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED, ash plant bug, ash borers, cankerworms and aphids. In general due to the young age of the trees and the low incidence of tree diseases, this sector is a low priority.

Sector 40

Sector 40 is bounded by the CPR tracks on the north, Dewdney Avenue on the south, Fleet Street on the west and the city limits on the east. It has a total of 1,739 trees. Ash constitute 38 per cent of the trees in the sector, coniferous 24 per cent, other deciduous 20 per cent, ornamentals 16 per cent and elms two per cent. Small trees up to 6 meters in height comprise 90 per cent of the tree population and medium sized trees 6.1 to 12.5 meters comprise 10 per cent. The average diameter of the trees in the sector is 91.2 cm. In terms of maintenance needs, no trees required either an emergency or a priority prune. The inventory identified 379 vacant sites which constitute 18 per cent of the total planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had no elms test positive for Dothiorella and one elm test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED, ash plant bug, ash borers, cankerworms and aphids. In general due to the young age of the trees and the low incidence of tree diseases, this sector is a low priority.

Sector 50

Sector 50 is bounded by Dewdney Avenue on the north, Victoria Avenue on the south, Albert Street on the west and Broad Street on the east. This area encompasses Regina's Market Square. It has a total of 1,107 trees. Ash constitute 35 per cent of the trees in the sector, elms 21 per cent, other deciduous 19 per cent, coniferous 14 per cent and ornamentals 11 per cent. Small trees up to 6 meters in height comprise 50 per cent of the tree population, medium sized trees 6.1 to 12.5 meters comprise 32 per cent, large trees 12.6 to 18.5 meters in height 16 per cent and trees over 18.5 meters two per cent. The average diameter of the trees in the sector is 10.41 cm. In terms of maintenance needs, no trees required either an emergency or a priority prune. The inventory did not identify any vacant tree planting sites. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had no elms test positive for Dothiorella or Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED, ash plant bug, ash borers, cankerworms and aphids. In general due to the young age of the trees and the low incidence of tree diseases, this sector is a low priority. However, because of its high public visibility Victoria Park is considered a priority.

Sector 51

Sector 51 is bounded by Dewdney Avenue on the north, Victoria Avenue on the south, Broad Street on the west and Winnipeg Street on the east. It has a total of 932 trees. Elms constitute 89 per cent of the trees in the sector, ash eight per cent, coniferous two per cent and other deciduous one per cent. Large trees 12.6 to 18.5 meters in height comprise 72 per cent of the tree population, medium sized trees 6.1 to 12.5 meters comprise 24 per cent and small trees up to 6 meters four per cent. The average diameter of the trees in the sector is 45.75 cm. In terms of maintenance needs, no trees required either an emergency or a priority prune. The inventory did not identify any vacant tree planting sites. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had nine elms test positive for Dothiorella and two elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids and ash borers. In general due to the older age of the trees and the moderate incidence of tree diseases, this sector is a moderate priority.

Sector 52

Sector 52 is bounded by Victoria Avenue on the north, College Avenue on the south, Albert Street on the west and Broad Street on the east. It has a total of 1,335 trees. Elms constitute 60 per cent of the trees in the sector, ash 21 per cent, other deciduous eight per cent, ornamentals seven per cent and coniferous four per cent. Small trees up to 6 meters in height comprise 72 per cent of the tree population, large trees 12.6 to 18.5 meters comprise 18 per cent and medium sized trees 6.1 to 12.5 meters ten per cent. The average diameter of the trees in the sector is 27.58 cm. In terms of maintenance needs, no trees required an emergency prune and 60 trees or four per cent required a priority prune. The inventory did not identify any vacant tree planting sites. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had nine elms test positive for Dothiorella and no elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids and ash borers. In general due to the old large trees, the moderate incidence of tree diseases, and the close proximity to Wascana Centre this sector is a high priority.

Sector 53

Sector 53 is bounded by Victoria Avenue on the north, College Avenue on the south, Broad Street on the west and Winnipeg Street on the east. It has a total of 1,628 trees. Elms constitute 70 per cent of the trees in the sector, ash 22 per cent, other deciduous four per cent, coniferous three per cent and ornamentals one per cent. Large trees 12.6 to 18.5 meters in height comprise 57 per cent of the tree population, medium sized trees 6.1 to 12.5 meters comprise 37 per cent and small trees up to 6 meters six per cent. The average diameter of the trees in the sector is 37.79 cm. In terms of maintenance needs, no trees required an emergency prune and 65 trees or four per cent required a priority prune. The inventory did not identify any vacant tree planting sites. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had 26 elms test positive for Dothiorella and two elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids and ash borers. In general due to the old large trees, the moderate incidence of tree diseases, and the close proximity to Wascana Centre this sector is a high priority.

Sector 54

Sector 54 is bounded by College Avenue on the north, Quinn Drive on the south, Broad Street on the west and Winnipeg Street on the east. It has a total of 677 trees. Ash constitute 72 per cent of the trees in the sector, elms 24 per cent, coniferous three per cent and other deciduous one per cent. Medium sized trees 6.1 to 12.5 meters in height comprise 82 per cent of the tree population, large trees 12.6 to 18.5 meters comprise 12.5 per cent and small trees up to 6 meters six per cent. The average diameter of the trees in the sector is 26.25 cm. In terms of maintenance needs, no trees required either an emergency or priority prune. The inventory identified 12.5 vacant sites which constitute two per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had one elm test positive for Dothiorella and none for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED, ash plant bug, ash borers, cankerworms, aphids. In general due to the moderate age of the trees, the low incidence of tree diseases, and the close proximity to Wascana Centre this sector is a moderate priority.

Sector 55

Sector 55 is bounded by 23rd Avenue on the north, Parliament Avenue on the south, Albert Street on the west and Hillsdale Street on the east. It has a total of 1,672 trees. Elms constitute 49 per cent of the trees in the sector, ash 37 per cent, coniferous five per cent, ornamentals five per cent and other deciduous per cent. Medium sized trees 6.1 to 12.5 meters in height comprise 50 per cent of the tree population, large trees 12.6 to 18.5 meters comprise 38 per cent and small trees up to 6 meters 12.5 per cent. The average diameter of the trees in the sector is 26.96 cm. In terms of maintenance needs, two trees required an emergency prune and 60 trees or four per cent required a priority prune. The inventory identified 56 vacant sites which constitute three per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had 21 elm test positive for Dothiorella and no elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids and ash borers. In general due to the age of the trees, the high incidence of fungal diseases, and the close proximity to Wascana Centre this sector is a high priority.

Sector 56

Sector 56 is bounded by the Wascana Parkway on the north and east, Kramer Boulevard on the south and Hillsdale Street on the west. It has a total of 920 trees. Elms constitute 66 per cent of the trees in the sector, other deciduous 13 per cent, ash 11 per cent, coniferous seven per cent and ornamentals three per cent. Large trees 12.6 to 18.5 meters in height comprise 61 per cent of the tree population, medium sized trees 6.1 to 12.5 meters comprise 27 per cent and small trees up to 6 meters 12.5 per cent. The average diameter of the trees in the sector is 31.04 cm. In terms of maintenance needs, no trees required either an emergency or a priority prune. The inventory

identified 16 vacant sites which constitute two per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had 18 elms test positive for Dothiorella and no elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids and ash borers. In general due to the age of the trees, the high incidence of fungal diseases, and the close proximity to Wascana Centre this sector is a high priority.

Sector 57

Sector 57 is bounded by Parliament Avenue on the north, Gordon Road on the south, Albert Street on the west and Massey Road on the east. It has a total of 2,034 trees. Elms constitute 51 per cent of the trees in the sector, ornamentals 15 per cent, coniferous 12.5 per cent, other deciduous 11 per cent and ash 11 per cent. Medium sized trees 6.1 to 12.5 meters in height comprise 62 per cent of the tree population, small trees up to 6 meters comprise 36 per cent and large trees 12.6 to 18.5 meters two cent. The average diameter of the trees in the sector is 19.93 cm. In terms of maintenance needs, seven required an emergency prune and 154 trees or eight per cent required a priority prune. The inventory identified 94 vacant sites which constitute four per cent of the total tree planting sites in the sector. Twelve trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had 19 elms test positive for Dothiorella and no elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids and ash borers. In general due to the age of the trees, and the high incidence of fungal diseases, this sector is a high priority.

Sector 58

Sector 58 is bounded by McPherson Avenue on the north Academy Park Road on the south, Massey Road on the west and the Wascana Parkway on the east. It has a total of 1,826 trees. Elms constitute 65 per cent of the trees in the sector, ash 15 per cent, coniferous 11 per cent, ornamentals six per cent and other deciduous three per cent. Medium sized trees 6.1 to 12.5 meters in height comprise 75 per cent of the tree population, small trees up to 6 meters comprise 21 per cent, large trees 12.6 to 18.5 meters three per cent and very large trees over 18.5 meters in height one per cent. The average diameter of the trees in the sector is 18.92 cm. In terms of maintenance needs, 11 trees required an emergency prune and 146 trees or eight per cent required a priority prune. The inventory identified 349 vacant sites which constitute 16 per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had 30 elms test positive for Dothiorella and no elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids and ash borers. In general due to the age of the trees and the high incidence of fungal diseases, this sector is a high priority.

Sector 59

Sector 59 is bounded by Grant Drive on the north and Grand Drive on the south, west and east. It has a total of 1,729 trees. Elms constitute 62 per cent of the trees in the sector, ash 25 per cent, coniferous nine per cent, other deciduous two per cent and ornamentals two per cent. Medium sized trees 6.1 to 12.5 meters in height comprise 81 per cent of the tree population, small trees up to 6 meters comprise 15 per cent and large trees 12.6 to 18.5 meters four per cent. The average diameter of the trees in the sector is 20.91 cm. In terms of maintenance needs, 18 trees required an emergency prune and 71 trees or four per cent required a priority prune. The inventory identified 60 vacant sites which constitute three per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had 25 elms test positive for Dothiorella and no elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids and ash borers. In general due to the age of the trees and the high incidence of fungal diseases, this sector is a high priority.

Sector 60

Sector 60 is bounded by Grant Road on the north, Highway No. 1 on the south and east and Albert Street on the west. It has a total of 1,962 trees. Elms constitute 52 per cent of the trees in the sector, ash 21 per cent, coniferous 15 per cent, other deciduous eight per cent and ornamentals four per cent. Medium sized trees 6.1 to 12.5 meters in height comprise 78 per cent of the tree population, small trees up to 6 meters comprise 20 per cent and large trees 12.6 to 18.5 meters two per cent. The average diameter of the trees in the sector is 18.34 cm. In terms of maintenance needs, four trees required an emergency prune and 95 trees or five per cent required a priority prune. The inventory identified 11 vacant sites which constitute .55 per cent of the total tree planting sites in the sector. Two trees require removal.

From 1992 to 1999 inclusive the DED monitoring program had 26 elms test positive for Dothiorella and no elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids and ash borers. In general due to the age of the trees and the high incidence of fungal diseases, this sector is a high priority.

Sector 61

Sector 61 is bounded by Dewdney Avenue on the north, Arcola and Victoria Avenue on the south, Winnipeg Street on the west and Park Street on the east. It has a total of 204 trees. Ash constitute 56 per cent of the trees in the sector, elms 16 per cent, other deciduous 12.5 per cent, coniferous ten per cent and ornamentals six per cent. Medium sized trees 6.1 to 12.5 meters in height comprise 69 per cent of the tree population and small trees up to 6 meters comprise 31 per cent. The average diameter of the trees in the sector is 29.69 cm. In terms of maintenance needs, no trees required either an emergency prune or a priority prune. The inventory identified

six vacant sites which constitute three per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had no elms test positive for Dothiorella or Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED, ash plant bug, ash borers, cankerworms and aphids. In general due to the small number of trees and the low incidence of tree diseases, this sector is a low priority.

Sector 62

Sector 62 is bounded by Arcola Avenue on the north and east, College Avenue on the south and Winnipeg Street on the west. It has a total of 722 trees. Ash constitute 50 per cent of the trees in the sector, elms 25 per cent, other deciduous 14 per cent, coniferous eight per cent and ornamentals three per cent. Large trees 12.6 to 18.5 meters in height comprise 39 per cent of the tree population, small trees up to 6 meters comprise 31 per cent and medium sized trees 6.1 to 12.5 meters 30 per cent. The average diameter of the trees in the sector is 36.30 cm. In terms of maintenance needs, no trees required either an emergency or a priority prune. The inventory identified 231 vacant sites which constitute 24 per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had ten elms test positive for Dothiorella and two elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED, ash plant bug, ash borers, cankerworms and aphids. In general due to the moderate age of the trees and the low to moderate incidence of tree diseases, this sector is a moderate priority.

Sector 63

Sector 63 is bounded by College Avenue on the north, Douglas Avenue on the south, Winnipeg Street on the west and Park Street on the east. It has a total of 2,064 trees. Elms constitute 48 per cent of the trees in the sector, ash 47 per cent, ornamentals three per cent, other deciduous one per cent and coniferous one per cent. Large trees 12.6 to 18.5 meters in height comprise 73 per cent of the tree population, medium sized trees 6.1 to 12.5 meters comprise 14 per cent and small trees up to 6 meters 13 per cent. The average diameter of the trees in the sector is 36.32 cm. In terms of maintenance needs, no trees required an emergency prune and two trees or .09 per cent required a priority prune. The inventory identified 149 vacant sites which constitute seven per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had 15 elms test positive for Dothiorella and two elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids and ash borers. In general due to the age of the trees, the high incidence of fungal diseases and the close proximity to the Wascana Centre, this sector is a high priority.

Sector 64

Sector 64 is bounded by Dewdney Avenue on the north, Victoria Avenue on the south, Park Street on the west and Ring Road on the east. It has a total of 536 trees. Elms constitute 49 per cent of the trees in the sector, ash 33 per cent, coniferous 16 per cent, other deciduous one per cent and ornamentals one per cent. Medium sized trees 6.1 to 12.5 meters in height comprise 68 per cent of the tree population and small trees up to 6 meters comprise 32 per cent. The average diameter of the trees in the sector is 24.35 cm. In terms of maintenance needs, no trees required either an emergency or a priority prune. The inventory identified 67 vacant sites which constitute 11 per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had six elms test positive for Dothiorella and two elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids and ash borers. In general due to the moderate age of the trees and the low incidence of fungal diseases, this sector is a moderate priority.

Sector 65

Sector 65 is bounded by Dewdney Avenue on the north, Victoria Avenue on the south, the Ring Road on the west and the Eastpointe Estates on the east. It has a total of 2,339 trees. Ash constitute 54 per cent of the trees in the sector, elms 19 per cent, coniferous 12.5 per cent, other deciduous 12.5 per cent and ornamentals three per cent. Small trees up to 6 meters in height comprise 62 per cent of the tree population, medium sized trees 6.1 to 12.5 meters comprise 37 per cent and large trees 12.6 to 18.5 meters one per cent. The average diameter of the tree in the sector is 16.02 cm. In terms of maintenance needs, no trees required either an emergency or a priority prune. The inventory identified 117 vacant sites which constitute five per cent of the total tree planting sites in the sector. Ten trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had three elms test positive for Dothiorella and elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED, ash plant bug, ash borers, cankerworms and aphids. Even though this sector has had a low to moderate incidence of tree diseases, one tree was found to be positive for DED in 1994, as a result this sector is a high priority.

Sector 66

Sector 66 is bounded by Victoria Avenue on the north, Arcola Avenue on the south and west and the Ring Road on the east. It has a total of 688 trees. Elms constitute 57 per cent of the trees in the sector, ash 21 per cent, other deciduous nine per cent, coniferous seven per cent and ornamentals six per cent. In terms of height, the sector's trees are distributed evenly with small trees up to 6 meters in height comprising 33 per cent, medium sized trees 6.1 to 12.5 meters comprising 33 per cent and large trees 12.6 to 18.5 meters 34 per cent. The average diameter of the trees in the sector is 24.80 cm. As concerns maintenance needs, no trees required an emergency prune and one tree or .14 per cent required a priority prune. The inventory identified

66 vacant sites which constitute nine per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had nine elms test positive for Dothiorella and no elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids and ash borers. In general due to the age of the trees and the low incidence of fungal diseases, this sector is a moderate priority.

Sector 67

Sector 67 is bounded by Arcola Avenue on the north, the Ring Road on the south and east and Park Street on the west. It has a total of 1,003 trees. Elms constitute 73 per cent of the trees in the sector, ash 13 per cent, coniferous seven per cent, other deciduous six per cent and ornamentals one per cent. Large trees 12.6 to 18.5 meters in height comprise 58 per cent of the trees in the sector, medium sized trees 6.1 to 12.5 meters comprise 36 per cent and small trees up to 6 meters six per cent. The average diameter of the trees in the sector is 30.59 cm. In terms of maintenance needs, no trees required either an emergency prune or a priority prune. The inventory identified 77 vacant sites which constitute seven per cent of the total tree planting sites in the sector. Three trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had five elms test positive for Dothiorella and no elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids and ash borers. In general due to the age of the trees, the low to moderate incidence of fungal diseases and the close proximity to Wascana Centre, this sector is a high priority.

Sector 68

Sector 68 is bounded by Victoria Avenue on the north, Arcola Avenue on the south, the Ring road on the west and the storm channel on the east. It has a total of 1,199 trees. Ash constitute 26 per cent of the trees in the sector, other deciduous 26 per cent, coniferous 21 per cent, ornamentals 20 per cent and elms seven per cent. Medium sized trees 6.1 to 12.5 meters in height comprise 55 per cent of the tree population, small trees up to 6 meters comprise 35 per cent and large trees 12.6 to 18.5 meters ten per cent. The average diameter of the trees in the sector is 19.92 cm. In terms of maintenance needs, no trees required an emergency prune and one tree or .08 per cent required a priority prune. The inventory identified 45 vacant sites which constitute four per cent of the total tree planting sites in the sector. No trees required removal.

Since this site is not a monoculture the chances of any one pest doing major damage is reduced. From 1992 to 1999 inclusive the DED monitoring program had no elms test positive for Dothiorella or for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids and ash borers. In general due to the young age of the trees and the low incidence of fungal diseases, this sector is a low priority.

Sector 69

Sector 69 is bounded by Victoria Avenue on the north, Arcola Avenue on the south, the storm channel on the west and Prince of Wales Drive on the east. It has a total of 2,308 trees. Coniferous comprise 30 per cent of the trees in the sector, other deciduous 25 per cent, ash 24 per cent, ornamental 17 per cent and elms four per cent. Small trees up to 6 meters in height comprise 74 per cent of the tree population and medium sized trees 6.1 to 12.5 meters comprise 26 per cent. The average diameter of the trees in the sector is 14.23 cm. In terms of maintenance needs, no trees required an emergency prune and one tree or .04 per cent required a priority prune. The inventory identified 12.51 vacant sites which constitute five per cent of the total tree planting sites in the sector. No trees required removal.

Since this site is not a monoculture the chances of any one pest doing major damage is reduced. Priorities consist monitoring and control of ash plant bug as well as ash borers. In 1996 one elm was found to be positive for DED, as a result this area is a high priority.

Sector 70

Sector 70 is bounded by Arcola Avenue on the north, the Wascana Waterfowl Park boundary on the south, the Ring Road on the west and the storm channel on the east. It has a total of 4,354 trees. Ash constitute 48 per cent of the trees in the sector, elms 25 per cent, coniferous 16 per cent, other deciduous nine per cent and ornamentals two per cent. Medium sized trees 6.1 to 12.5 meters in height comprise 66 per cent of the tree population, small trees up to 6 meters comprise 22 per cent and large trees 12.6 to 18.5 meters 12.5 per cent. The average diameter of the trees in the sector is 26.77 cm. In terms of maintenance needs, no trees required an emergency prune and four trees or .09 per cent required a priority prune. The inventory identified 52 vacant sites which constitute one per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had nine elms test positive for Dothiorella and no elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED, ash plant bug, ash borers, cankerworms and aphids. In general due to the moderate age of trees and the moderate incidence of fungal diseases, this sector is a moderate priority.

Sector 71

Sector 71 is bounded by Arcola Avenue on the north, the storm channel on the south and west, and Prince of Wales Drive on the east. It has a total of 2,873 trees. Coniferous constitute 30 per cent of the trees in the sector, ash 25 per cent, other deciduous 24 per cent, ornamentals 19 per cent and elms two per cent. Small trees up to 6 meters in height comprise 75 per cent of the tree population, medium sized trees 6.1 to 12.5 meters comprise 23 per cent and large trees 12.6 to 18.5 meters two per cent. The average diameter of the trees in the sector is 10.58 cm. In terms of maintenance needs, no trees required an emergency prune and one tree or .03 per cent required a priority prune. The inventory identified 106 vacant sites which constitute four per cent of the total tree planting sites in the sector. No trees required removal.

Since this sector is not a monoculture the chances of any one pest doing major damage is reduced. Priorities consist of the monitoring and control of ash plant bug and ash borers. In general due to the young age of the trees and the low incidence of fungal diseases, this sector is a low priority.

Sector 72

Sector 72 is bounded by Arcola Avenue on the north, the city limits on the south and east, and Prince of Wales Drive on the west. It has a total of 1,467 trees. Coniferous constitute 46 per cent of the trees in the sector, other deciduous 18 per cent, ornamentals 18 per cent and ash 18 per cent. Small trees up to 6 meters in height comprise 96 per cent of the tree population and medium sized trees 6.1 to 12.5 meters comprise four per cent. The average diameter of the trees in the sector is 7.93 cm. In terms of maintenance needs, no trees required either an emergency prune or a priority prune. The inventory identified 185 vacant sites which constitute 11 per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had no elms test positive for Dothiorella or Verticilium. No elms were found to have DED. This area is a low priority.

Sector 73

Sector 73 is bounded by Victoria Avenue on the north, Arcola Avenue on the south, Prince of Wales Drive on the west and city limits on the east. It has a total of 805 trees. Ash constitute 51 per cent of the trees in the sector, other deciduous 22 per cent, coniferous 17 per cent and ornamentals ten per cent. Small trees up to 6 meters in height comprise 97 per cent of the tree population and medium sized trees 6.1 to 12.5 meters comprise three per cent. The average diameter of the trees in the sector is 11.30 cm. In terms of maintenance needs, no trees required either an emergency prune or a priority prune. The inventory identified 191 vacant sites which constitute 19 per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had no elms test positive for Dothiorella or Verticilium. No elms were found to have DED. This area is a low priority.

Sector 74

Sector 74 is bounded by Dewdney Avenue on the north, Victoria Avenue on the south, the storm channel on the west and the city limits on the east. It has a total of 46 trees. Coniferous constitute 65 per cent of the trees in the sector, ornamentals 24 per cent and ash 11 per cent. The total tree population in this sector is comprised of small trees up to 6 meters in height. The average diameter of the trees is 15.67 cm. In terms of maintenance needs, no trees required an emergency prune and 11 trees or 24 per cent required a priority prune. The inventory identified 58 vacant sites which constitute 56 per cent of the total tree planting sites in the sector. No trees required removal.

Sector 80

Sector 80 is bounded by Dewdney Avenue on the north, Saskatchewan Drive on the south, Lewvan Drive on the west and Elphinstone Street on the east. It has a total of 1,512.5 trees. Ash constitute 29 per cent of the trees in the sector, elms 25 per cent, coniferous 24 per cent, other deciduous 18 per cent and ornamentals four per cent. Small trees up to 6 meters in height comprise 48 per cent of the tree population, medium sized trees 6.1 to 12.5 meters comprise 37 per cent and large trees 12.6 to 18.5 meters 15 per cent. The average diameter of the trees in the sector is 34.89 cm. In terms of maintenance needs, no trees required an emergency prune and three trees or .19 per cent required a priority prune. The inventory identified six vacant sites which constitute .39 per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had 13 elms test positive for Dothiorella and no elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring for DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids and ash borers. In general due to the older age of the elm trees and the moderate incidence of tree diseases, this sector is a moderate priority.

Sector 81

Sector 81 is bounded by Dewdney Avenue on the north, the floodplain on the south and west and Lewvan Drive on the east. It has a total of 1,548 trees. Elms constitute 37 per cent of the trees in the sector, ash 29 per cent, other deciduous 19 per cent, coniferous 14 per cent and ornamentals one per cent. Medium sized trees 6.1 to 12.5 meters in height comprise 67 per cent of the tree population, small trees up to 6 meters comprise 29 per cent and large trees 12.6 to 18.5 meters four per cent. The average diameter of the trees in the sector is 19.21 cm. In terms of maintenance needs, no trees required an emergency prune and 16 trees or one per cent required a priority prune. The inventory identified 13 vacant sites which constitute .83 per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had seven elms test positive for Dothiorella and two elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids and ash borers. In general due to the age of the trees, the moderate incidence of fungal diseases and the presence of one DED infected tree in 1999, this sector is a high priority.

Sector 82

Sector 82 is bounded by Saskatchewan Drive on the north, College Avenue on the south, Elphinstone Street on the west and Albert Street on the east. It has a total of 2,663 trees. Elms constitute 77 per cent of the trees in the sector, ash ten per cent, other deciduous ten per cent, ornamentals two per cent and coniferous one per cent. Medium sized trees 6.1 to 12.5 meters in height comprise 50 per cent of the tree population, large trees 12.6 to 18.5 meters comprise 41

per cent and small trees up to 6 meters nine per cent. The average diameter of the trees in the sector is 33.24 cm. In terms of maintenance needs, no trees required an emergency prune and 29 trees or one per cent require a priority prune. The inventory identified two vacant sites which constitute .07 per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had 25 elms test positive for Dothiorella and two elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids and ash borers. In general due to the age of the trees, the moderate incidence of fungal diseases, this sector is a moderate priority.

Sector 83

Sector 83 is bounded by Saskatchewan Drive on the north, 17th Avenue on the south, Lewvan Drive on the west and Elphinstone Street on the east. It has a total of 2,837 trees. Ash constitute 33 per cent of the trees in the sector, elms 24 per cent other deciduous 20 per cent, coniferous 13 per cent and ornamentals ten per cent. Medium sized trees 6.1 to 12.5 meters in height comprise 47 per cent of the tree population, small trees up to 6 meters comprise 40 per cent and large trees 12.6 to 18.5 meters 13 per cent. The average diameter of the trees in the sector is 15.95 cm. In terms of maintenance needs, no trees required an emergency prune and 105 trees or four per cent required a priority prune. The inventory did not identify any vacant tree planting sites. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had four elms test positive for Dothiorella and one elm test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED and other fungal diseases. Other priorities consist of monitoring and control of cankerworms, aphids and ash borers. In general due to the age of the trees and the moderate incidence of fungal diseases, this sector is a moderate priority.

Sector 84

Sector 84 is bounded by College Avenue on the north, Regina Avenue on the south, Elphinstone Street on the west and Albert Street on the east. It has a total of 2,399 trees. Elms constitute 56 per cent of the trees in the sector, ash 18 per cent, coniferous 13 per cent, other deciduous ten per cent and ornamentals three per cent. Medium sized trees 6.1 to 12.5 meters in height comprise 44 per cent of the tree population, large trees 12.6 to 18.5 meters comprise 35 per cent and small trees up to 6 meters 21 per cent. The average diameter of the trees in the sector is 17.35 cm. In terms of maintenance needs, no trees required either an emergency prune or a priority prune. The inventory did not identify any vacant tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had four elms test positive for Dothiorella and no elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED and other fungal diseases. Other priorities consist of monitoring and control of cankerworms, aphids and ash borers. In general due to the

age of the trees, the moderate incidence of fungal diseases and the close proximity to Wascana Centre, this sector is a high priority.

Sector 85

Sector 85 is bounded by 17th Avenue on the north, Regina Avenue on the south, Lewvan Drive on the west and Elphinstone Street on the east. It has a total of 991 trees. Elms constitute 59 per cent of the trees in the sector, ash 19 per cent, ornamentals 16 per cent, other deciduous four per cent and coniferous two per cent. Medium sized trees 6.1 to 12.5 meters in height comprise 75 per cent of the tree population, small trees up to 6 meters comprise 24 per cent and large trees 12.6 to 18.5 meters one per cent. The average diameter of the trees in the sector is 24.82 cm. In terms of maintenance needs, no trees required an emergency prune and four trees or .40 per cent required a priority prune. The inventory did not identify any vacant tree planting sites. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had nine elms test positive for Dothiorella and no elms test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids and ash borers. In general due to the age of the trees, the moderate incidence of fungal diseases, this sector is a moderate priority.

Sector 86

Sector 86 is bounded by Regina Avenue on the north, Hill Avenue on the south, Montague Street on the west and Albert Street on the east. It has a total of 1,444 trees. Elms constitute 82 per cent of the trees in the sector, ash 14 per cent, coniferous three per cent and other deciduous one per cent. Large trees 12.6 to 18.5 meters in height comprise 49 per cent of the tree population, medium sized trees 6.1 to 12.5 meters comprise 48 per cent and small trees up to 6 meters three per cent. The average diameter of the trees in the sector is 37.75 cm. In terms of maintenance needs, no trees required either an emergency prune or a priority prune. The inventory identified four vacant sites which constitute .27 per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had 17 elms test positive for Dothiorella and one elm test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids and ash borers. In general due to the age of the trees, the moderate incidence of fungal diseases and the close proximity to Wascana Centre, this sector is a high priority.

Sector 87

Sector 87 is bounded by Regina Avenue on the north, Hill Avenue on the south, Lewvan Drive on the west and Montague Street on the east. It has a total of 2,557 trees. Elms constitute 43 per cent of the trees in the sector, ash 29 per cent, coniferous 16 per cent, other deciduous 11 per cent, and ornamentals one per cent. Medium sized trees 6.1 to 12.5 meters in height comprise 83 per

cent of the tree population, large trees 12.6 to 18.5 meters 9 per cent and small trees up to 6 meters eight per cent. The average diameter of the trees in the sector is 26.43 cm. In terms of maintenance needs, no trees required an emergency prune and three trees or .1 per cent required a priority prune. The inventory did not identify any vacant tree planting sites. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had seven elms test positive for Dothiorella and one elm test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids and ash borers. In general due to the age of the trees and the moderate incidence of fungal diseases, this sector is a moderate priority.

Sector 88

Sector 88 is bounded by Hill Avenue on the north, 25th Avenue on the south, Argyle Road on the west and Albert Street on the east. It has a total of 1,359 trees. Elms constitute 48 per cent of the trees in the sector, ash 37 per cent, other deciduous eight per cent, coniferous five per cent and ornamentals two per cent. Medium sized trees 6.1 to 12.5 meters in height comprise 75 per cent of the tree population and small trees up to 6 meters comprise 25 per cent. The average diameter of the trees in the sector is 22.06 cm. In terms of maintenance needs, no trees required either an emergency prune or a priority prune. The inventory identified 42 vacant sites which constitute three per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had five elms test positive for Dothiorella and one elm test positive for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids and ash borers. In general due to the age of the trees, the moderate incidence of fungal diseases and the close proximity to Wascana Centre, this sector is a high priority.

Sector 89

Sector 89 is bounded by Hill Avenue on the north, 25th Avenue on the south, Lewvan Drive on the west and Argyle Road on the east. It has a total of 2,12.59 trees. Elms constitute 49 per cent of the trees in the sector, ash 31 per cent, coniferous 14 per cent, other deciduous four per cent and ornamentals two per cent. Medium sized trees 6.1 to 12.5 meters in height comprise 67 per cent of the tree population, small trees up to 6 meters comprise 29 per cent and large trees 12.6 to 18.5 meters four per cent. The average diameter of the trees in the sector is 12.67 cm. In terms of maintenance needs, no trees required either an emergency prune or a priority prune. The inventory identified 147 vacant sites which constitute six per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had 12.5 elms test positive for Dothiorella and none for Verticilium. No elms were found to have DED. Priorities consist of the continued the monitoring of DED and other fungal diseases. Other priorities consist of

monitoring and control of cankerworms, aphids and ash borers. In general due to the age of the trees and the moderate incidence of fungal diseases, this sector is a moderate priority.

Sector 90

Sector 90 is bounded by 25th Avenue on the north, Gordon Road on the south, Montague Street on the west and Albert Street on the east. It has a total of 1,635 trees. Elms constitute 69 per cent of the trees in the sector, other deciduous 11 per cent, ash ten per cent, coniferous eight per cent and ornamentals two per cent. Medium sized trees 6.1 to 12.5 meters in height comprise 81 per cent of the tree population, small trees up to 6 meters comprise 13 per cent, large trees 12.6 to 18.5 meters five per cent and very large trees over 18.5 meters one per cent. The average diameter of the trees in the sector is 21.20 cm. In terms of maintenance needs, no trees required an emergency prune and seven trees or .42 per cent required a priority prune. The inventory identified 159 vacant sites which constitute nine per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had four elms test positive for Dothiorella and none for Verticilium. No elms were found to have DED. Priorities consist of the continued the monitoring of DED and other fungal diseases. Other priorities consist of monitoring and control of cankerworms, aphids and ash borers. In general due to the age of the trees the moderate incidence of fungal diseases, this sector is a moderate priority.

Sector 91

Sector 91 is bounded by 25th Avenue on the north, Gordon Road on the south, Pasqua Street on the west and Montague Street on the east. It has a total of 1,552 trees. Ash constitute 36 per cent of the trees in the sector, elms 32 per cent, other deciduous 16 per cent, coniferous nine per cent and ornamentals seven per cent. Medium sized trees 6.1 to 12.5 meters in height comprise 49 per cent of the trees in the sector, small trees up to 6 meters comprise 47 per cent and large trees 12.6 to 18.5 meters four per cent. The average diameter of the trees in the sector is 16.49 cm. In terms of maintenance needs, no trees required either an emergency prune or a priority prune. The inventory identified 69 vacant sites which constitute four per cent of the total tree planting sites in the sector. No trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had six elms test positive for Dothiorella and none for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED and other fungal diseases. Other priorities consist of the monitoring and control of cankerworms, aphids and ash borers. In general due to the age of the trees and the low incidence of fungal diseases, this sector is a low priority.

Sector 92

Sector 92 is bounded by Regina Avenue on the north, Gordon Road on the south, Lewvan Drive on the west and Pasqua Street on the east. It has a total of 309 trees. Coniferous constitute 43 per cent of the trees in the sector, ash 29 per cent, other deciduous 14 per cent, elms 13 per cent and ornamentals one per cent. Small trees up to 6 meters in height comprise 93 per cent of the

tree population and medium sized trees 6.1 to 12.5 meters seven per cent. The average diameter of the trees in the sector is 16.87 cm. In terms of maintenance needs, no trees required either an emergency or a priority prune. The inventory identified 209 vacant sites which constitute 40 per cent of the total tree planting sites in the sector. No trees required removal.

Since this sector is not a monoculture the chances of any one pest doing major damage is reduced. From 1992 to 1999 inclusive no elm trees in this sector have shown symptoms of DED. Priorities consist of the monitoring and control of ash plant bug and ash borers. In general due to the young age of the trees and the low incidence of fungal diseases, this sector is a low priority.

Sector 93

Sector 93 is bounded by Gordon Road on the north, Highway #1 on the south, Lewvan Drive on the west and Albert Street on the east. It has a total of 2,213 trees. Ash constitute 48 per cent of the trees in the sector, coniferous 17 per cent, elms 14 per cent, other deciduous 14 per cent and ornamentals seven per cent. Medium sized trees 6.1 to 12.5 meters in height comprise 60 per cent of the tree population, small trees up to 6 meters comprise 35 per cent and large trees 12.6 to 18.5 meters five per cent. The average diameter of the trees in the sector is 18.62 cm. In terms of maintenance needs, no trees required an emergency prune and eight trees or .36 per cent required a priority prune. The inventory identified 42 vacant sites which constitute two per cent of the total tree planting sites in the sector. Three trees required removal.

From 1992 to 1999 inclusive the DED monitoring program had one elm test positive for Dothiorella and none for Verticilium. No elms were found to have DED. Priorities consist of the continued monitoring of DED, ash plant bug, ash borers, cankerworms and aphids. In general due to the moderate age of the trees and the low incidence of fungal diseases, this sector is a low priority.

SECTOR PROFILES