

5.4.2 Mottman Tributary (Tributary M)

The area highlighted in green on Figure 5-6 will discharge into the LOTT sewer system at Mottman Road. Basin 204 will discharge from new LS 217 to LS 202, near Black Lake, with flow pumped from a new lift station LS 202 to Basin 245. This plan was developed through BCEs 1 and 2 in the previous section. LS 120 services Basin 201, and will discharge to 32nd Avenue.

South of the existing collection system, Basin 245 will discharge by gravity to a new trunk sewer running north to Cougar Lane along the railroad. Basin 203 will discharge by gravity to the existing pipes along RW Johnson Boulevard SW. The small area at the top of Bush Mountain (Basin 205) will be serviced by grinder pump systems.

Further east, Basins 207 and 43 will discharge by gravity to the existing Streamland Estates LS area. Basin 242 and the Suncrest LS will continue to pump into the Streamland Estates force main, per BCE 3.

The remainder of this area is already sewered, with the existing collection system sending flow north to the LOTT system. Upgrades to existing infrastructure to accommodate these flows are discussed in Section 6.

Figure 5-6 illustrates the recommended sewer servicing for the Mottman Tributary.

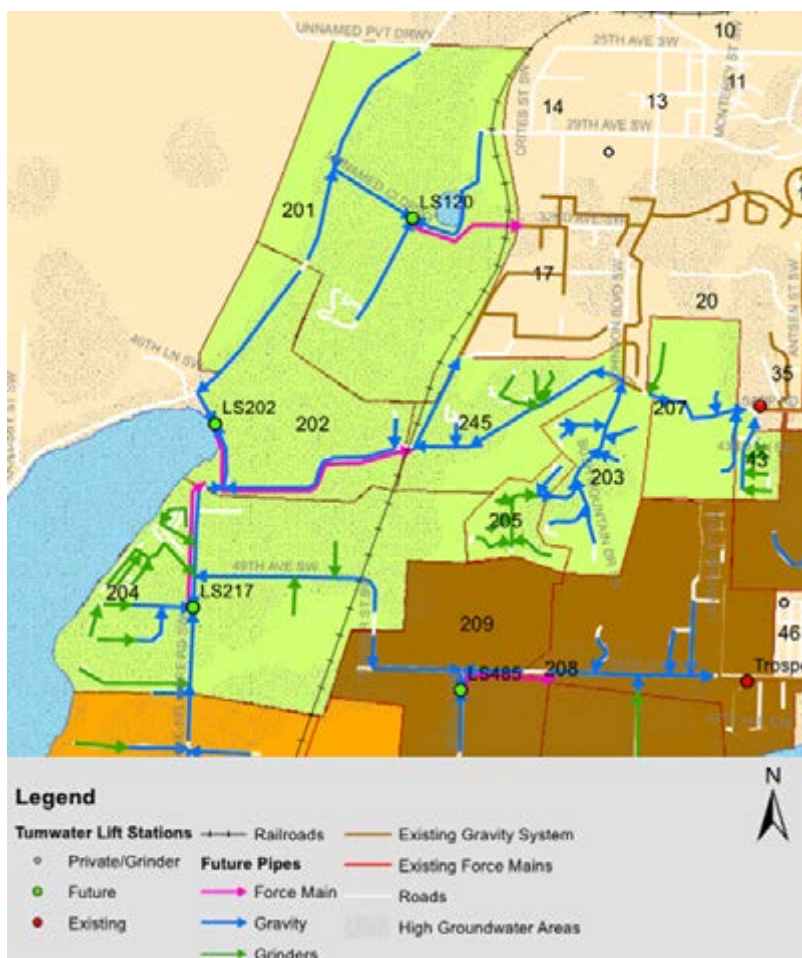


FIGURE 5-6. Recommended sewer servicing for the Mottman Tributary