

EXHIBIT "A"

TABLE 3-16

Fire Flow Deficiencies During 2015 Maximum Day Demand Conditions

Hydrant	Location	Elevation (ft)	Re-quired Fire Flow (gpm)	Avail-able Fire Flow (gpm)	Project or Remedy	Avail-able Fire Flow after Project (gpm)
J1480	Intersection of 205 th St. and Birch Place	26	500	209	Project P-1	558
J1482	Southern terminus of Birch Lane	24	500	209	Project P-1	572
J1670	Birch Lane, approximately 600 feet north of the intersection with 212 th Place	27	500	283	Deregulate booster station discharge at south wellfield booster station ⁽¹⁾	762
J16	Intersection of SR-103 and 178 th Place	27	500	355	Deregulate booster station discharge at south wellfield booster station ⁽¹⁾	594
FH-1	197 th Street, 700 feet west of SR-103	29	500	356	Deregulate booster station discharge at south wellfield booster station ⁽¹⁾	592
FH-2	Intersection of SR-103 and 200 th Lane	34	500	400	Deregulate booster station discharge at south wellfield booster station ⁽¹⁾	672
J144	Along SR-103, approximately 170 feet north of the intersection with 205 th Lane	30	500	425	Deregulate booster station discharge at south wellfield booster station ⁽¹⁾	710
J162	Intersection of SR-103 and 212 Place	33	500	461	Deregulate booster station discharge at south wellfield booster station ⁽¹⁾	764
J242	Terminus of 205 th Street	27	500	488	Deregulate booster station discharge at south wellfield booster station ⁽¹⁾	780
J1158	Approximately 250 feet west of the intersection of U Street and 229 th Street	27	500	489	Deregulate booster station discharge at south wellfield booster station ⁽¹⁾	775
J190	Intersection of SR-103 and 217 th Lane E.	33	500	498	Deregulate booster station discharge at south wellfield booster station ⁽¹⁾	819
J192	Approximately 350 feet east of the intersection of SR-103 and 217 th Lane E.	25	500	498	Deregulate booster station discharge at south wellfield booster station ⁽¹⁾	819
J194	Approximately 700 feet south of 217 th Lane E., 350 feet east of SR-103.	25	500	498	Deregulate booster station discharge at south wellfield booster station ⁽¹⁾	819

(1) Deregulation of the South Well Field booster pump station will allow the pumps to provide pressure to the distribution system without restraint from a pressure reducing valve.