

CONTINGENCY PLAN FOR MODEL IRRIGATION 1996-1997

A.1. Model Irrigation District # 18

Model's water distribution system has sources spread out from 10th Ave to Diana CT. (aprox. 34th Melissa). These four wells and one well field can produce 10 MGD and with .6 M storage. The system demand goes from .5 MGD in the fall winter and spring to 7.8 MGD summer peak. The sources are connected with a grid system which allows us to move water any direction. During normal summer usage we can get by without one source of 1,000 gpm, but two or more 1,600-3,000 gpm could deplete storage.

We can expect about 300 more houses in the next 15 years, which will fill vacant lots and tie up our pumping capacity. Our emergency interties with Spokane Water Dist. #3 (about 3,000gpm) and Modern Electric (about 500 gpm) could be needed for short periods. Model probably can't sent water to our neighbors unless it is done off peak hours.

The phone system has been improved with call forwarding and voice mail. During recent power outages the office wasn't staffed and not all messages were received. We could not communicate with other water systems with power outages. The maintenance personnel have pagers and two cell phones between three workers. The Valley Fire Department alarm board along with Model's board members have these numbers.

A.1.2 SHORT TERM ACTION PLAN

Isolate the source and test the water for contamination:

Depending on the time of year and the amount of gpm affected

Call other systems and open interties if need.

If more capacity is needed go public with water restrictions to an out right ban on lawn irrigation.

A.1.3 LONG TERM ACTION PLAN

Look at along term purchase agreement with Water #3, Modern, or Vera.

The possibility of raising water prices and more frequent billing to add to conservation or pay for semi-permanent water treatment facilities.

The possibilities of new well in a uncontaminated area would be investigated.