PETITION TO INTERVENE

I, Melvin Marx Hintze, PETITION TO INTERVENE WITH IDWR DURING THE May 3, 2017 PREHEARING CONFERENCE ON THE MATTER OF DESIGNATING A CRITICAL GROUND WATER AREA IN THE BIG LOST RIVER BASIN

I have Water Rights both Ground and Surface and I am Interested in this Matter. M. Marx Hintze
VARIANCES

BASIN 34

Melvin Max Hunt

Position Statement
BASIN 34 VARIANCES

• THREE DISTINCT AREAS
  • ABOVE THE MACKAY DAM
  • MACKAY DAM TO APPROXIMATELY DARLINGTON
  • BELOW DARLINGTON TO ESPA BOUNDARY
UPSTREAM FROM MACKAY DAM

• ESSENTIALLY HYDROLOGICALLY ISOLATED FROM BASIN 34
  DOWNSTREAM FROM THE MACKAY DAM

• GROUND WATER RESOURSE
  • PARTIALLY USED ABOVE THE MACKAY DAM
  • UNUSED GROUND WATER RESOURSE CONVERTED TO STORAGE AND
    DECREEDED WATER RIGHTS AT THE MACKAY DAM
  • CONSIDERABLE QUANTITY OF DECREEDED AND STORAGE WATER
    DISCHARGED FROM THE MACKAY DAM BECOMES LOWER BIG LOST RIVER
    VALLEY AQUIFER RECHARGE DUE TO THE RESPECTIVE DELIVERY SYSTEM’S
    SHRINKAGE (OR LOSSES), ESPECIALLY DOWNSTREAM FROM DARLINGTON
DOWNSTREAM FROM THE MACKAY DAM TO APPROXIMATELY DARLINGTON

- Most irrigation systems are supplied by surface water and supplemental senior ground water rights.
- Well depths, both domestic and irrigation, have minimal seasonal water pumping level variability (compared to areas below Darlington).
- Several domestic wells with shallow unreasonable pumping depth have been redrilled.
- Additional oversight and management not required.
DOWNSTREAM FROM APPROXIMATELY DARLINGTON TO THE BOUNDARY OF ESPA

• SIGNIFICANTLY GREATER NUMBER OF GROUNDWATER ONLY IRRIGATION SYSTEMS THAN ABOVE DARLINGTON

• SIGNIFICANTLY LARGER HORSEPOWER AND GREATER DEPTH OF GROUNDWATER DIVERSION SYSTEMS THAN ABOVE DARLINGTON (AN INDICATION OF GROUNDWATER RESOURCE STRESS)

• EXPANSIVE USE OF THE GROUNDWATER RESOURCE

• ADEQUATE DOMESTIC GROUNDWATER AVAILABLE YEAR AROUND (CONSIDER RECONSTRUCTING A FEW SHALLOW DOMESTIC WELLS TO A “REASONABLE DEPTH”)

CONCLUSION

• NO BASIS OR NEED FOR A “CRITICAL GROUNDWATER DISTRICT”
• NO BASIS OR NEED FOR A “GROUNDWATER MANAGEMENT” ENTITY
• BASIN 34 WATERMASTER EXISTING MANAGEMENT IS ADEQUATE
• CONTINUE AS-IS!!!!!!