

CHESAPEAKE CITY ROAD
GROUNDWATER ALLOCATION
PERMIT APPLICATION

CHESAPEAKE CITY ROAD WELL FIELD

- EXISTING WELL FIELD WITH FOUR WELLS THAT HAS BEEN OPERATIONAL FOR OVER 15 YEARS
- EXTENSIVE TESTING PERFORMED TO SUPPORT THE ORIGINAL ALLOCATION PERMIT APPLICATION
- CURRENT ALLOCATION OF 3.492 MILLION GALLONS/DAY, WITH AN ANNUAL AVERAGE OF 3.0 MILLION GALLONS/DAY, WAS GRANTED IN 2005
- WATER WITHDRAWN FROM THE WELL FIELD IS TREATED AT AN ONSITE WATER TREATMENT PLANT
- WATER PRODUCED BY THIS PLANT MEETS ALL PRIMARY AND SECONDARY DRINKING WATER STANDARDS, AND IS REGULATED BY THE OFFICE OF DRINKING WATER

ALLOCATION PERMIT APPLICATION

- THE PURPOSE OF THE APPLICATION IS TO REMOVE THE ORIGINAL WELL 3 AND REPLACE WITH NEW WELL 3R
- WELL 3R HAS BEEN PERMITTED, CONSTRUCTED, AND TESTED
- WELL 3R HAS A HIGHER CAPACITY THAN THE ORIGINAL WELL 3
- THE REQUESTED PUMPING RATE FOR WELL 3R IS 850 GPM VERSUS 550 GPM FOR THE ORIGINAL WELL 3
- THE TOTAL REQUESTED DAILY, MONTHLY, AND YEARLY WITHDRAWAL FROM THE WELL FIELD REMAIN THE SAME AS THE EXISTING ALLOCATION

ALLOCATION COMPARISON

EXISTING ALLOCATION

- 3.492 MILLION GALLONS/DAY
- 104.76 MILLION GALLONS/MONTH
- 1095 MILLION GALLONS/YEAR (AVERAGE RATE OF 3.0 MILLION GALLONS/DAY)

REQUESTED ALLOCATION

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