

# Water Supply Plan Five-Year Update and Compliance Checklist

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## Office of Water Supply Water Supply Planning Program

### HRPDC Compliance Items

Outstanding Compliance Items for 2018 WSP Review.

1. Review the list of outstanding compliance items for each locality below. Provide all readily available information.

#### **City of Chesapeake:**

Purchase Water Source Information: Current Water Purchase (mgd), Maximum Daily Purchase, Average Annual Purchase (mgy).

- City of Norfolk to Chesapeake-South Norfolk System
- City of Norfolk to Chesapeake-Northwest River System
- City of Portsmouth to Chesapeake-Western Branch System
- City of Virginia Beach to Chesapeake-Northwest River System

#### **Isle of Wight:**

Well Construction Information: If available, I will dig into the VDH files you will be sending over. If these systems are not in VDH or the owner does not have the information we will consider it completed.

- Rushmere Shores: Well 1
- Deer Run
- Bob Steele Waterworks
- Cherry Grove Acres
- The Oaks Mobile Estates Trailer Court
- Smithfield Mobile Home Park
- Willing Workers Club
- Duck's Trailer Court
- Zuni

Purchased water info needed: Current Daily Purchase, Maximum Daily, & Average Annual Water Purchased.

- City of Franklin to Isle of Wright Co.

- City of Franklin to Camptown Development Service District
- City of Portsmouth to Newport Development Service District
- Town of Smith field to Gattling Point Subdivision
- Western Tidewater Authority to Isle of Wright County
- Town of Windsor to Isle of Wright County
- Town of Windsor to Windsor Development Service District

Water Use Information: Provide any readily available information.

- Bethel Heights-Max Withdrawal (mgd)
- Camptown Development Service District-Average Annual Water Use
- Carrisville-Max Withdrawal (mgd)
- Days Point Subdivision-Max Withdrawal (mgd)
- Duck's Trailer Court-Max Withdrawal (mgd)
- Edward's Trailer Park-Max Withdrawal (mgd)
- Gatling Pointe Subdivision-Average Annual Water Use (mgd), Max Withdrawal (mgd)
- Isle of Wright County- # of Service Connections, Population Served, Average Annual Water Use, Max Withdrawal, number of self-supplied users in the service area (well users)
- Lawne's Point-Average Annual Water Use, max withdrawal (mgd)
- Newport Development Service District- Average Annual Water Use
- Owen's Subdivision-Max withdrawal (mgd)
- Rollingwood- # of service connections, population served, average annual water use, max withdrawal
- Rushmere- Berwell's Bay- Max withdrawal
- Smithfield Heights Sndy Mount Manor- Max Withdrawal
- Smithfield Mobile Home Park- Max Withdrawal
- The Oaks Mobile Estates Trailer Court-Max Withdrawal
- Tomentor Creek Estates- Max withdrawal
- Willing Workers Club-Max Withdrawal
- Windsor Development Service District- Average Annual Water Use-MGY
- Zuni- Max Withdrawal

### **James City County:**

Well Construction Information: I will look through the VDH files.

- Greensprings Mobile Village- 2 wells
- Brooks' Duplexes
- Heaths Mobile Homes

Water Use Information: Provide any readily available information.

- Brooks' Duplexes-Max Withdrawal(mgd)
- Heaths Mobile Homes-Max Withdrawal (mgd)
- James City Service Authority Stonehouse- # of service connections, population served, average annual water use, max withdrawal (mgd)
- Shodon Mobile Estates- Max Withdrawal (mgd)

## **City of Newport News:**

### Surface Water Source Information:

- Diascund Reservoir-Pump Station Capacity, Water Treatment Plant Capacity, Source Average Withdrawal Design Capacity
- Chickahominy River: Water Treatment Plant Capacity, Source Average and Max Withdrawal Design Capacity
- Harwood's Mill Reservoir-Water Treatment Plant Capacity, Source Average Withdrawal Design Capacity
- Lee Hall Reservoir- Water Treatment Plant Capacity, Source Average Withdrawal Design Capacity
- Little Creek Reservoir- Pump Station Capacity, Water Treatment Plant Capacity, Source Average Withdrawal Design Capacity
- Skiff's Creek Reservoir- Pump Station Capacity, Water Treatment Plant Capacity, Source Average Withdrawal Design Capacity.

## **City of Norfolk:**

### Surface Water Source Information:

- Blackwater River Intake-Historic Low Flow (cfs), Water Treatment Plant Capacity.
- Nottoway River Intake-Historic Low Flow (cfs), Water Treatment Plant Capacity

### Purchased Water Source Information:

- City of Norfolk to Norfolk Naval Base-Current Water Purchase, Maximum Daily Purchase, Average Annual Purchase
- Lake Gaston and Stumpy Lake to City of Norfolk- Current Water Purchased, Maximum Daily Purchase, And Average Annual Water Purchased.

## **Portsmouth:**

### Surface Water Sources:

- Kake Cohoon-Pump Station Capacity, Water Treatment Plant Capacity, Source Average & Maximum Design Capacity.
- Lake Kilby- Water Treatment Plant Capacity, Source Average and Maximum Design Capacity.
- Lake Meade- Pump Station Capacity, Water Treatment Plant Capacity
- Speights Run- Pump Station Capacity, Water Treatment Plant Capacity, Source Average & Maximum Design Capacity.

### Purchase Water Source Information:

- City of Norfolk to City of Portsmouth-Current Water Purchased, Average Annual Water Purchased, Maximum Daily Water Purchased.

- City of Portsmouth to Norfolk Naval Shipyard-Current Water Purchased, Average Annual Water Purchased, Maximum Daily Water Purchased.

Water Use Information:

- Norfolk Naval Shipyard-Average Annual Water Use

## **Suffolk:**

Surface Water Sources:

- Crumps Mill Pond- Pump Station Capacity
- Lone Star Lakes- Pump Station Capacity

Purchased Water Source Information:

- City of Portsmouth to Wester Tidewater Water Authority City of Suffolk Main System-Current Water Purchased (mgd), Maximum Daily, Average Annual Water Purchased

## **Virginia Beach:**

Surface Water Sources:

- Lake Gaston- Drainage Area Above Intake, Waterbody Storage, Pump Station Capacity, Water Treatment Plant Capacity, Source Average & Maximum Withdrawal Design Capacity.

Purchased Water Source Information:

- City of Norfolk to Virginia Beach-Current Water Purchased (mgd), Average Annual Water Purchased, Maximum Daily Water Purchased.
- City of Norfolk to Dam Neck-US Navy: Current Water Purchased (mgd), Average Annual Water Purchased, Maximum Daily Water Purchased.
- City of Norfolk to NAS Oceana-US NAVY: Current Water Purchased (mgd), Average Annual Water Purchased, Maximum Daily Water Purchased.
- City of Norfolk to Little Creek Amphibious Base: Current Water Purchased (mgd), Average Annual Water Purchased, Maximum Daily Water Purchased.
- City of Norfolk to Fort Stony-US Army: Current Water Purchased (mgd), Average Annual Water Purchased, Maximum Daily Water Purchased.

Water Use Information:

- Dam Neck-US Navy: Average Annual Water Use, Max Withdrawal
- Fort Story-US Army: Average Annual Water Use, Max Withdrawal
- Little Creek Amphibious Base-US Navy: Average Annual Water Use, Max Withdrawal
- NAS Oceana-US Navy: Average Annual Water Use, Max Withdrawal

## Hampton City:

Purchased Water Source Information: Current and Maximum Daily Purchase, Average Annual Water Purchased.

- Balford Langley Bolling Family Housing, Source: Newport News Waterworks (NNW)
- Langley Air Force Base, Source NNW
- Fort Monroe, Source NNW

Water Use Information: Average Annual Water Use, Max Withdrawal, Number of Small Self-Supplied Users inside of the Community Service Areas-an estimation is accepted.

- Fort Monroe
- Langley Air Force Base
- Balford Langley Bolling Family Housing

## York County:

Purchased Water Source Information: Current Water Purchased (mgd), Max Daily Purchased (mgd), and Average Annual Purchase (mgy) for:

- Fort Eustis
- Yorktown Naval Weapons Station
- Your Co DPU/ Hubbard's Lane- From Newport News/ York County
- Cheatham Annex Naval Supply Center
- Your Co DPU/ Mountain Lake Co
- Aqua VA-Carver Gardens
- Aqua VA- York Terrace
- Aqua VA- Queens Lake
- York Co DPU/ Hubbard's Lane-From Williamsburg/York County

Water Use Information:

For the following Aqua VA Systems: Average Annual Water Use (MGD/MGY), Max Withdrawal, and Permit Limitations Set by VDH.

- Carver Gardens
- Nelson Park
- Queens Lake
- York Terrace

All other Systems:

- Cheatham Annex Naval Supply Center- Average Annual Water Use (MGD/MGY), Max Withdrawal, and Permit Limitations Set by VDH
- Fort Eustis-# of Service Connections, Population Served, Average Annual Water Use (MGD/MGY), and Permit Limitations Set by VDH.
- York Co DPU/ Hubbard's Lane-# of Service Connections, Population Served, Average Annual Water Use (MGD/MGY), and Permit Limitations Set by VDH.
- York Co DPU/ Mountain Lake Co.- # of Service Connections, Population Served, Average Annual Water Use (MGD/MGY), and Permit Limitations Set by VDH.
- Yorktown Naval Weapons Station-Average Annual Water Use (MGD/MGY), Max Withdrawal, any Permit Limits Set by VDH.