

Bureau of Water Allocation (BWA) Diversion Source Radial Search report includes groundwater and surface water diversion source points permitted by the BWA. This includes individual (or aggregate) diversion points capable of more than 100,000 gallons per day (i.e. 70 gallons per minute). Nearly all these points have corresponding reported monthly diverted water data available through NJDEP DataMiner at the link: http://datamine2.state.nj.us/DEP_OPRA/OpraMain/categories?category=Water+Allocation. In addition, there may be a few regulated points which are monitored only for ambient water level, water flow or water quality conditions. The BWA Diversion Source Radial Search provides real time data (subject to revision). Although diversion search maps are not provided, the NJ State Plane coordinates in US Feet (NAD83) which is the standard established by P.L. 1989, c.218 are provided for each diversion. Each diversion point is buffered by its Estimated Location Accuracy value. Therefore, Diversion Distances from the Search Origin in the data report **MAY BE CLOSER**, or **FARTHER AWAY** from the search origin by the corresponding distance listed in the Estimated Location Accuracy column. In addition the report may display diversion points **OUTSIDE** the radial search distance (example: search distance is 5000 feet, a diversion point with an estimated absolute accuracy of 40 feet may be located 4960 feet to 5040 feet away from the search origin, will appear in the report). Data code descriptions links are provided in the report column headings where applicable. The columns in the data table are:

Diversion Distance from Search Origin (ft): Distance from the search origin (i.e. center) to the diversion point (in feet) which accounts for the estimated absolute location accuracy and therefore may appear greater than the Radial Search Distance entered.

Estimated Location Accuracy + Units Code: Estimated accuracy of the X and Y coordinates and units (usually feet)

State Plane X Coord, State Plane Y Coord: NJ State Plane coordinates in US Feet (NAD83)

Potential Water Use Types within Diversion Approval: Water use types approved for diversion based on BWA applications filed

BWA Permit PI #: Bureau of Water Allocation Program Interest Identification Number (i.e. Facility ID Number)

Facility Name: Name of facility granted BWA diversion approval

Activity Number: The current effective number for the Permit, Registration, Equivalency, Ag Certification, or Ag Registration (Note that the BWA Permit PI # + the Activity Number combination is unique)

Subject Item ID: A unique identification number given to a diversion source (WSWL = Well, WSIN = Surface Water Intake)

Subject Item Designation: State Well Drilling Permit Number or Surface Water Intake Number/Name

Subject Item Description: Diversion Source Local Name

County: NJ County where diversion point is located

Municipality: NJ Municipality where diversion point is located

Depth to Top Open Interval + Units & Depth to Bottom Open Interval + Units: For wells, the depth (usually in feet from ground surface) to the top and to the bottom of the screen or open hole

Finished Depth + Units: For wells, the depth (usually in feet from ground surface) to the very bottom including any tail piece or cellar for screened or open hole wells

NJGS DGS05-3 Hydrogeologic Nomenclature NJGS_Id: Identification number according to New Jersey Geological Survey Digital Geodata Series Publication DGS05-3 at the link: <http://www.nj.gov/dep/njgs/geodata/dgs05-3.htm>

NJGS Hydronum, Hydroabb, Hydroname: NJGS DGS05-3 Hydrogeologic unit number, abbreviation and type name concatenation

NJGS Geonum, Geoabb, Geoname: NJGS DGS05-3 Geologic unit number, abbreviation and type name concatenation

Rated Diversion Capacity + Units Code: Rated capacity of diversion source + rated capacity units (gm = gallons per minute).