

Duplicate Reporting for Multiple Water Rights by Same Owner

Data Processing Module: DuplicateReport_SameOwner

Description: Identify and flag when the same amounts are being reported for multiple water rights by a single water right owner.

- Example 1: A district operates under multiple water rights that piece together as the basis for their total operation, but the total operation is being reported (duplicated) for each report rather than having been properly split up.
- Example 2: 1 owner, 2 water rights, 1 reservoir. The second water right was added to increase capacity of the reservoir. The owner reports the total reservoir operations to both water rights rather than splitting them up properly.

What is being flagged: Water rights under a single owner that have reported the same diversion and use amounts for multiple water rights.

Purpose of Flag: If a water right holder is reporting the same water diversion and use amounts for multiple water rights they may not be reporting accurately for each of their water rights.

How the Flag is Used: Using PARTY_ID in the ewrims flat file, find PARTY_ID with multiple water rights. Then using the APPLICATION_NUMBER, find the APPL_ID in the water_use_report. Next, using the DIVERSION_TYPE = "Use" values, perform an annual summation of "Use" values by each water right. Then compare the annual "Use" sums to the other water rights of the same PARTY_ID. If there are multiple years with the same amount report, "Y" in DUPLICATE_REPORT_MULT_RIGHTS, if there are no years with multiple of the same annual amount, then "N".

Resolution: Owners with multiple water rights that report identical amounts are flagged for review.

Data Source(s):

- [water_use_report.csv](#)
- [ewrims_flat_file.csv](#)

Existing Fields:

- APPL_ID – water_use_report.csv
- WATER_RIGHT_ID – water_use_report.csv
- YEAR– water_use_report.csv
- MONTH– water_use_report.csv
- AMOUNT– water_use_report.csv
- DIVERSION_TYPE– water_use_report.csv
- APPLICATION_NUMBER –From ewrims_flat_file.csv
- APPLICATION_PRIMARY_OWNER - From ewrims_flat_file.csv

New Fields:

- Duplicate_Reports_Same_Owner– Number of years that the water right holder reported the same total annual diversion amount (direct+storage) for the water right