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ABBREVIATIONS AND ACRONYMS USED IN THIS REPORT

gal/employee	gallons per employee
gal/d/person	gallons per day per person
Mgal/d	million gallons per day
HUC	Hydrologic Unit Code
MCD	Minor Civil Division
SIC	Standard Industrial Classification
NEWUDS	New England Water-Use Data System
USEPA	U.S. Environmental Protection Agency
USGS	U.S. Geological Survey
SWUDS	Site Specific Water-Use Data System
NAICS	North American Industrial Classification System

APPENDIX 3. - INDEX

Forms that would be needed for the following case studies described in Appendix 1:

Case Study 1: Withdrawal to simple single user	Forms 1 and 9 Input
Case Study 2: Withdrawal to aggregate users	Form 2 Worksheet and Forms 3 and 9 Input
Case Study 3: Simple community-water system	Forms 6 and 9 Input
Case Study 4: Return from simple single user	Forms 1 and 9 Input
Case Study 5: Return from aggregate users	Form 2 Worksheet and Forms 3 and 9 Input
Case Study 6: Simple community-wastewater system	Forms 8 and 9 Input
Case Study 7: Simple linked single user	Forms 1 and 9 Input
Case Study 8: Complex linked single user	Forms 1 and 9 Input
Case Study 9: Complex community-water system	Forms 4 and 5 Worksheets and Forms 6 and 9 Input
Case Study 10: Complex community-wastewater system	Forms 4 and 7 Worksheets and Forms 8 and 9 Input

Definitions of terms used in the worksheet explanations:

MCD MINOR CIVIL DIVERSION

Domestic Terms

Tpop	Total population
CWSpop	Population supplied by community-water systems
Sspop	Population that is self supplied, using own wells
PCU	Per capita use
%CWWS	Percent of household, population that has community-wastewater systems (sewered)
TDU	Total domestic use
CWSDU	Community-water system domestic use
SSDU	Self-supplied domestic use
TDCU	Total domestic consumptive use
CWWSDU	Community-wastewater system domestic use (sewered)
SDDU	Self-disposed domestic use (septic systems)

Commercial Terms

S40-49C	Coefficient for companies with SIC codes 40 through 49
#ES40-49	Number of employees employed by companies with SIC codes 40 through 49
CCU	Commercial consumptive use
CWWSCU	Community-wastewater-system commercial use
SDCU	Self-disposed commercial use
TCU	Total commercial use
CWSCU	Community-water-system commercial use
SSCU	Self-supplied commercial use

Livestock Terms

DC	Dairy coefficient
#AD	Number of Dairy cows
TLU	Total Livestock use (equals livestock withdrawals)
LCU	Livestock Consumptive Use
TLR	Total Livestock returns

Industrial Terms

S15-17C	Coefficient for companies with SIC codes 15-17
#ES15-17	Number of employees employed by companies with SIC codes 15 through 17
ICU	Industrial consumptive use
TIU	Total industrial use
CWWSIU	Community-wastewater-system industrial use (sewered)
SDIU	Self-disposed industrial use
CWSIU	Community-water-system industrial use
SSIU	Self-supplied industrial use

Irrigation Terms

SIAC	Spray irrigation acres coefficient
#acres	Number of acres
TIrU	Total Irrigation use (equals Irrigation withdrawals)
IrCU	Irrigation Consumptive Use
TIrR	Total Irrigation returns

LIST OF FORMS

- Form 1: NEWUDS input form for single users
- Form 2: Explanation of aggregate users worksheet with formulas and relations for estimating water use by geographic area
- Form 2: Worksheet for aggregate users for estimating water use by geographic area
- Form 3: NEWUDS input form for aggregate of users
- Form 4: Explanation of community system worksheet with formulas and relation for estimating water use by geographic area with more than one distribution or collection system.
- Form 4: Worksheet for community systems for estimating water use by geographic area with more than one distribution or collection system.
- Form 5: Worksheet for recording and estimating water use by community-water systems
- Form 6: NEWUDS input form for community-water systems
- Form 7: Worksheet for recording and estimating water use by community-wastewater systems
- Form 8: NEWUDS input form for community-wastewater systems
- Form 9: NEWUDS input form for transaction/rate data