



U.S. Department
of Transportation

**Federal Highway
Administration**

Memorandum

Subject: **INFORMATION:** Sole Source
Designation Aquifer Program

Date: APR 1 1998

From: Chief, Environmental Analysis Division

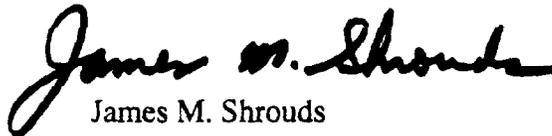
Reply to
Attn. of: HEP-40

To: Regional Administrators
Federal Lands Highway Program Administrator

Attached is a list which designates the drinking water areas included in the Sole Source Aquifers Program as of February 1998. There are 68 designated sole source aquifers nationwide. A sole source aquifer supplies 50 percent or more of the drinking water for an area. This program was established under Section 1424(e) of the Safe Drinking Water Act of 1974.

After an area is designated as a sole source aquifer, any Federal financially assisted project planned for this area must be coordinated with the regional EPA office. The planned project must go through EPA review to determine that there will be no threat of aquifer contamination or of hazards created to public health.

Please distribute a copy of this list to each division and state office. Questions concerning this information should be directed to Patricia Cazenias at (202)-366-4085.


James M. Shrouds

Attachment

STATUS AS OF 2/98

DESIGNATED SOLE SOURCE AQUIFERS - NATIONALLY

| <u>FHWA Region</u> | <u>Aquifer and/or Location</u> | <u>State</u> | <u>Federal Register Notice Citation</u> | <u>Publication Date</u> |
|------------------------|--|--------------|---|-----------------------------|
| 1 | Cape Code Aquifer | MA | 47 FR 30282 | 07/13/82 |
| 1 | Nantucket-Island Aquifer | MA | 49 FR 2952 | 01/24/84 |
| 1 | Martha's Vineyard Aquifer | MA | 53 FR 3451 | 02/05/88 |
| 1 | Head of Neponset Aquifer System | MA | 53 FR 49920 | 12/12/88 |
| 1 | Plymouth-Carver Aquifer | MA | 55 FR 32137 | 08/07/90 |
| 1 | Canoe River Aquifer | MA | 58 FR 28402 | 05/13/93 |
| 1 | Broad Brook Basin of the Barns | MA | 60 FR 20989 | 04/28/95 |
| 1 | Monhegan Island | ME | 53 FR 24496 | 06/29/88 |
| 1 | Vinalhaven Island Aquifer System | ME | 54 FR 29779 | 07/14/89 |
| 1 | North Haven Island Aquifer System | ME | 54 FR 29934 | 07/17/89 |
| 1 | Ridgewood Area Aquifers | NJ | 49 FR 2943 | 01/24/84 |
| 1 | Upper Rockaway River Basin | NJ | 49 FR 2946 | 01/24/84 |
| 1 | Buried Valley Aquifers, Central Basin, Essex and Morris Counties | NJ | 45 FR 30537 | 05/08/80 |

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|------------------------|---|--------------|--------------------------------|-----------------------------|
| | | | <u>Citation</u> | <u>Publication Date</u> |
| 1 | N.J. Fifteen Basin Aquifers | NJ/NY | 53 FR 23685 | 06/23/88 |
| 1 | Highlands Aquifer System, Passaic, Morris and Essex Co's. NJ; Orange Co. NY | NY/NJ | 52 FR 37213 | 10/05/87 |
| 1 | Ramapo River Basin Aquifer Systems | NY/NJ | 57 FR 39201 | 08/28/92 |
| 1 | Clinton Street-Ballpark Valley Aquifer System, Bloome and Tioga Counties | NY | 50 FR 2025 | 01/14/85 |
| 1 | Kings/Queens Counties | NY | 49 FR 2950 | 01/24/84 |
| 1 | Cortland-Homer-Preble Aquifer System | NY | 53 FR 22045 | 06/13/88 |
| 1 | Schenectady/Niskayuna | NY | 50 FR 2022 | 01/14/85 |
| 1 | Nassau/Suffolk County, Long Island | NY | 43 FR 26611 | 06/21/78 |
| 1 | Cattaraugus Creek Basin Aquifer, WY and Allegany Cos. | NY | 52 FR 36100 | 09/25/87 |
| 1 | Block Island Aquifer | RI | 49 FR 2952 | 01/24/84 |
| 1 | Hunt-Annaquatucket/ Pettaquamscutt | RI | 53 FR 19026 | 05/26/88 |

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|------------------------|---|--------------|---|-----------------------------|
| 1 | Pawcatuck Basin Aquifer System | RI/CT | 53 FR 17108 | 05/13/88 |
| 1 | Pootatuck Aquifer | CT | 55 FR 11056 | 03/26/90 |
| 1&3 | N.J. Coastal Plain Aquifer | NJ/PA/DE | 53 FR 23791 | 06/24/88 |
| 3 | Maryland Piedmont Aquifer Montgomery, Howard, Carroll Counties | MD | 45 FR 57165 | 08/27/80 |
| 3 | Seven Valleys Aquifer, York County | PA | 50 FR 9126 | 03/06/85 |
| 3 | Prospect Hill Aquifer | VA | 52 FR 21733 | 06/09/87 |
| 3 | Columbia and Yorktown, Eastover Multi-aquifer System | VA | 62 FR 17187 | 04/09/97 |
| 4 | Biscayne Aquifer, Broward, Dade, Monroe and Palm Beach Counties | FL | 44 FR 58797 | 10/11/79 |
| 4 | Volusia-Floridan Aquifer, Flagler and Putnam Counties | FL | 52 FR 44221 | 11/18/87 |
| 4 | Southern Hills Aquifer System | LA/MS | 53 FR 25538 | 07/07/88 |

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|------------------------|---|--------------|---|-----------------------------|
| 5 | Pleasant City Aquifer | OH | 52 FR 32342 | 08/27/87 |
| 5 | Bass Island Aquifer, Catawba Island | OH | 52 FR 37009 | 10/02/87 |
| 5 | Miami Valley Buried Aquifer | OH | 53 FR 15876 | 05/04/88 |
| 5 | OKI - Miami Buried Valley Aquifer | OH | 53 FR 25670 | 07/08/88 |
| 5 | Allan County Area Combined Aquifer System | OH | 57 FR 53111 | 11/06/92 |
| 5 | St. Joseph Aquifer System | IN | 53 FR 23682 | 06/23/88 |
| 5 | Mille Lacs Aquifer | MN | 55 FR 43407 | 10/29/90 |
| 6 | Edwards Aquifer, San Antonio | TX | 40 FR 58344 | 12/16/75 |
| 6 | Edwards Aquifer, Austin Area | TX | 53 FR 20897 | 06/07/88 |
| 6 | Chicot Aquifer System | LA | 53 FR 20893 | 06/07/88 |
| 3 6 | Arbuckle Simpson Aquifer, South Central Oklahoma | OK | 54 FR 39230 | 09/25/89 |
| 8 | Missoula Valley Aquifer | MT | 53 FR 20895 | 06/07/88 |
| 8&10 | Eastern Snake River Plain | ID/WY | 56 FR 50638 | 10/07/91 |

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| 10 | Whidbey Island Aquifer | WA | 47 FR 14779 | 04/06/82 |
| 10 | Cross Valley Aquifer | WA | 52 FR 18606 | 05/18/87 |
| 10 | Newberg Area Aquifer | WA | 52 FR 37215 | 10/05/87 |
| 10 | Cedar Valley (Renton Aquifer) | WA | 53 FR 38779 | 10/03/88 |
| 10 | Central Pierce County Aquifer System | WA | 59 FR 224 | 01/01/94 |
| 10 | Marrowstone Island Aquifer System, Jefferson County | WA | 59 FR 28752 | 06/02/94 |
| 10 | Vashon-Maury Island Aquifer System, King County | WA | 59 FR 34468 | 07/05/94 |
| 10 | Guemes Island | WA | 62 FR 5928-3 | 12/01/97 |

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|------------------------|---|--------------|---|-----------------------------|
| 9 | Upper Santa Cruz & Arva Alter | AZ | 49 FR 2948 | 01/24/84 |
| 9 | Bisbee-Naco Aquifer | AZ | 53 FR 38337 | 09/03/88 |
| 9 | Campo/Cottonwood Creek | CA | 58 FR 31024 | 05/28/93 |
| 9 | Santa Margarita Aquifer, Scotts Valley | CA | 50 FR 2023 | 01/14/85 |
| 9 | Fresno County Aquifer | CA | 44 FR 52751 | 09/10/79 |
| 9 | Ocotillo-Coyote | CA | 61 FR 47752 | 09/10/96 |
| 9 | Northern Guam | GU | 43 FR 17867 | 04/26/78 |
| 9 | Southern Oahu Basal Aquifer | HI | 52 FR 45496 | 11/30/87 |
| 9 | Molokai Aquifer | HI | 59 FR 23063 | 05/04/94 |
| 10 | North Florance-Dunal Aquifer | OR | 52 FR 37519 | 10/07/87 |
| 10 | Lewiston Basin Aquifer | WA/ID | 53 FR 38782 | 10/03/88 |
| 10 | Spokane Valley Rathdrum Prairie | WA/ID | 43 FR 5566 | 02/09/78 |
| 10 | Camano Island Aquifer | WA | 47 FR 14779 | 04/06/82 |