



US Department
of Transportation

**Federal Highway
Administration**

Memorandum

Subject: **INFORMATION:** Sole Source Aquifer
(SSA) Program

Date JAN - 5 1994

From Director, Office of Environment
and Planning

Reply to
Att: HEP-42

To Regional Administrators
Federal Lands Highway Program Administrator

Attached is a list which designates the drinking water areas included in the SSA Program. A SSA 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 SSA, any Federal financially assisted project planned for this area must be coordinated with the regional EPA office.

As of October 1994, EPA has approved 64 SSA designations nationwide and is currently evaluating 7 petitions for possible designation. These lists are attached for your information. After designation, any project having Federal financial assistance and being in a SSA designated area may require an EPA review to determine that there will be no threat of aquifer contamination or of creating hazards to public health.

Please distribute a copy of these lists to each division and State office. Questions concerning this information should be directed to Pat Cazenias of my staff at (202) 366-4085.


Kevin E. Heanue

2 Attachments

FHWA:HEP-42:PCazenias:nb:x64085:1/03/95
Disk:Pat's, File name:SOLESOUR.MEM
cc: HEP-1, HEP-40, HEP-41, HEP-30,
HEP-31, HEP-32, HEP-42/Files(2),
HEP-42(PCazenias)



STATUS AS OF 10/94

DESIGNATED SOLE SOURCE AQUIFERS - NATIONALLY

FWHA Region	Aquifer and/or Location	State	Petition Filed	Federal Register Notice	
				Citation	Publication Date
1	Nassau/Suffolk Counties, Long Island	NY	01/21/75	43 FR 26611	06/21/78
1	Buried Valley Aquifer System	NJ	01/15/79	45 FR 30537	05/08/80
1	Cape Cod Aquifer	MA	03/04/81	47 FR 30282	07/13/82
1	Kings/Queens Counties	NY	06/18/79	49 FR 2950	01/24/84
1	Brunswick Shale and Sandstone Aquifer, Ridgewood Area	NJ	07/04/79	49 FR 2950	01/24/84
1	Rockaway River Basin Area	NJ	11/30/79	49 FR 2946	01/24/84
1	Nantucket Island Aquifer	MA	12/02/82	49 FR 2952	01/24/84
1	Block Island Aquifer	RI	02/18/83	49 FR 2952	01/24/84
1	Schenectady/Niskayuna Schenectady, Saratoga and Albany Counties	NY	08/20/82	50 FR 2022	01/14/85
1	Clinton Street-Ballpark Valley Aquifer System Broome and Tioga Counties	NY	02/26/81	50 FR 2025	01/14/85
1	Cattaraugus Creek Basin Aquifer System	NY	02/28/85	52 FR 36100	09/25/87
1	Highlands Aquifer System	NY/NJ	03/14/85	52 FR 37213	10/05/87
1	Martha's Vineyard Regional Aquifer	MA	06/16/87	53 FR 3451	02/05/88
1	Pawcatuck Basin Aquifer System	RI/CT	11/30/87	53 FR 17108	05/13/88
1	Hunt-Annaquatucket-Pettaquamucutt Aquifer System	RI	12/30/87	53 FR 19026	05/26/88
1	Cortland-Homer-Preble Aquifer System	NY	09/15/87	53 FR 22045	06/13/88
1	NJ Fifteen Basin Aquifer Systems	NJ/NY	11/18/85	53 FR 23685	06/23/88
1 & 3	NJ Coastal Plain Aquifer System	NJ/PA/DE	02/04/78	53 FR 23791	06/24/88
1	Monhegan Island	ME	05/16/88	53 FR 24496	06/29/88
1	Head of Neponset Aquifer Area	MA	05/10/88	53 FR 49920	12/12/88

STATUS OF 10/94

DESIGNATED SOLE SOURCE AQUIFERS - NATIONALLY

FWHA Region	Aquifer and/or Location	State	Petition Filed	Federal Register Notice	
				Citation	Publication Date
1	Vinalhaven Island Aquifer System	ME	06/03/88	54 FR 29779	07/14/89
1	North Haven Island Aquifer System	ME	06/03/88	54 FR 29934	07/17/89
1	Pootatuck Aquifer	CT	03/09/89	55 FR 11056	03/26/90
1	Plymouth-Carver Aquifer	MA	04/07/89	55 FR 32137	08/07/90
1	Ramapo River Basin Aquifer System	NY/NJ	09/08/90	57 FR 39201	08/28/92
1	Canoe River Aquifer	MA	12/10/92	58 FR 28402	05/13/93
3	Maryland Piedmont Aquifer Montgomery, Frederick, Howard, and Carroll Counties	MD	09/12/75	45 FR 57165	08/27/80
3	Seven Valleys Aquifer, York County	PA	09/24/81	50 FR 9126	03/06/85
3	Prospect Hill Aquifer, Clark County	VA	06/27/85	52 FR 21733	06/09/87
4	Biscayne Aquifer	FL	05/08/78	44 FR 58797	10/11/79
4	Volusia-Floridan Aquifer Volusia, Flagler, Putnam Counties	FL	06/18/82	52 FR 44221	11/18/87
4	Southern Hills Aquifer System	LA/MS	05/19/80	53 FR 25538	07/07/88
5	Pleasant City Aquifer, Guernsey County	OH	08/27/84	52 FR 32342	08/27/87
5	Catawba Island/Bass Island Aquifer	OH	03/17/86	52 FR 37009	10/02/87
5	Buried Valley Aquifer System	OH	11/25/87	53 FR 15876	05/04/88
5	St. Joseph Aquifer System, Elkhart County	IN	12/11/87	53 FR 23682	06/23/88
5	OKI - Miami Buried Valley Aquifer	OH	03/10/88	53 FR 25670	07/08/88
5	Mille Lacs Aquifer	MN	12/87	55 FR 43407	10/29/90
5	Allen County Area Combined Aquifer System	OH	10/16/90	57 FR 53111	11/06/92
6	Edwards Aquifer, San Antonio Area	TX	01/03/75	40 FR 58344	12/16/75
6	Chicot Aquifer	LA	12/05/86	53 FR 20893	06/07/88

STATUS AS OF 10/94

DESIGNATED SOLE SOURCE AQUIFERS - NATIONALLY

FWHA Region	Aquifer and/or Location	State	Petition Filed	Federal Register Notice	
				Citation	Publication Date
6	Edwards Aquifer, Austin Area	TX	08/29/86	53 FR 20897	06/07/88
7	Arbuckle-Simpson Aquifer, South Central Oklahoma	OK	07/29/88	54 FR 39230	09/25/89
8	Missoula Valley Aquifer	MT	11/23/87	53 FR 20895	06/07/88
8 & 10	Eastern Snake River Plain Aquifer	ID/WY	09/25/82	56 FR 50634	10/07/91
9	Northern Guam	GU	11/20/75	43 FR 17868	04/26/78
9	Fresno County	CA	08/09/76	44 FR 52751	09/10/79
9	Upper Santa Cruz & Avra Altar Basin Aquifers	AZ	06/29/81	49 FR 2948	01/24/84
9	Santa Margarita Aquifer; Scotts Valley, Santa Cruz Co.	CA	09/07/77	50 FR 2023	01/14/85
9	Southern Oahu Basal Aquifer	HI	05/03/83	52 FR 45496	11/30/87
9	Bisbee-Naco Aquifer, Cochise County	AZ	10/83	53 FR 38337	09/03/88
9	Campo/Cottonwood Creek Aquifer	CA	08/22/91	58 FR 31024	05/28/93
9	Molokai Aquifer, Maui County	HI	04/23/93	59 FR 23063	05/04/94
10	Spokane Valley-Rathdrum Prairie Aquifer	WA/ID	Fall 1976	43 FR 5566	02/09/78
10	Camano Island Aquifer	WA	04/13/81	47 FR 14779	04/06/82
10	Whidbey Island Aquifer	WA	04/13/81	47 FR 14779	04/06/82
10	Cross Valley Aquifer, Snohomish and King Counties	WA	07/29/83	52 FR 18606	05/18/87
10	Newberg Area Aquifer, Snohomish County	WA	01/16/84	52 FR 37215	10/05/87
10	North Florence Dunal Aquifer, Lane County	OR	06/02/85	52 FR 37519	10/07/87
10	Cedar Valley Aquifer, King County	WA	03/03/88	53 FR 38779	10/03/88
10	Lewiston Basin Aquifer	WA/ID	12/27/87	53 FR 38782	10/03/88
10	Central Pierce County Aquifer System	WA	07/01/87	59 FR 224	01/01/94
10	Marrowstone Island Aquifer System, Jefferson County	WA	08/27/91	59 FR 28752	06/02/94
10	Vashon-Maury Island Aquifer System, King County	WA	04/02/92	59 FR 34468	07/05/94

STATU. OF 10/94
 PENDING SOLE SOURCE AQUIFER PETITIONS - NATIONALLY

FWHA Region	Aquifer and/or Location	State	Petition Filed	Petitioner(s)
1	Barns Sole Source Aquifer Broad Brook Basin	MA	12/93	Barnes Aquifer Protection Advisory Committee & Board of Selectmen, Town of Easthampton
3	Columbia, Yorktown, Eastover Multiaquifer System; Accomac & Northhampton Counties	VA	07/28/92	Bi-County Ad-Hoc Citizens Committee on Oversight
3	Allegheny, Glenshaw, Pottsville System Aquifer; Jefferson County	PA	10/92	P.A.S.S. - People Against Sewage Sludge
8	New Rockford Aquifer	ND	05/08/84	Orval Hovey
9	Ocotillo Coyote Wells Aquifer	CA	05/02/94	Ocotillo Club, Imperial County
10	Eastern Columbia Plateau Aquifer System	WA/ID	02/03/93	Palouse-Clearwater Environmental Institute
10	Guemes Island	WA	08/01/94	Guemes Island Property Owners Association