

## **Supplementary Material**

### **United States National Sewage Sludge Repository at Arizona State University – A New Resource and Research Tool for Environmental Scientists, Engineers, and Epidemiologists**

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**Table S1.** Facilities sampled in the 2001 national sewage sludge survey

| Facility name                          | City              | State | Facility name                         | City            | State |
|--|-------------------|-------|---------------------------------------|-----------------|-------|
| Sacramento Regional WWTP               | Elk Grove         | CA    | Metropolitan Council – Metro          | Saint Paul      | MN    |
| Fallbrook Public Utility District      | Fallbrook         | CA    | Crocker WWTP                          | Crocker         | MO    |
| Manteca WQCF                           | Manteca           | CA    | Mason Farm WTP                        | Carrboro        | NC    |
| Central Contra Costa Sanitary District | Martinez          | CA    | Whiteville WWTP                       | Whiteville      | NC    |
| Fairfield Suisun Sewer District        | Suisun city       | CA    | Burwell WWTF                          | Burwell         | NE    |
| Boulder – 75 <sup>th</sup> St WWTP     | Boulder           | CO    | Middletown Sewerage Authority         | Belford         | NJ    |
| Steamboat Springs                      | Steamboat Springs | CO    | Joint Meeting Sewage Treatment        | Elizabeth       | NJ    |
| Rocky Hill WPCP                        | Hartford          | CT    | Passaic Valley Sewerage Commission    | Newark          | NJ    |
| Waterbury WPCF                         | Waterbury         | CT    | Bowery Bay WPC                        | Corona Queens   | NY    |
| DC WASA (Blue Plains)                  | Washington        | DC    | Hunt’s Point WPC                      | Corona Queens   | NY    |
| Mulberry STP                           | Mulberry          | FL    | Cayuga Heights WWTP                   | Ithaca          | NY    |
| Escambia County – Main Street WTP      | Pensacola         | FL    | Brewster WWTP                         | Mahopac         | NY    |
| St. Petersburg SW Treatment Plant      | St. Petersburg    | FL    | NEORSD – Southerly                    | Cleveland       | OH    |
| Sunrise Sweage Treatment Plant No. 1   | Sunrise           | FL    | Brentwood Estates STP #24             | Cuyahoga Falls  | OH    |
| R.M. Clayton WPCP                      | Atlanta           | GA    | Delphos                               | Delphos         | OH    |
| Buford Westside WPCP                   | Buford            | GA    | Massillon                             | Massillon       | OH    |
| Cartersville WPCP                      | Cartersville      | GA    | North Olmsted                         | North Olmsted   | OH    |
| Dekalb Co – Snapfinger Cr WPCP         | Decatur           | GA    | Port Clinton                          | Port Clinton    | OH    |
| Garden City WPCP                       | Garden City       | GA    | Twin Lakes WWTP                       | Ravenna         | OH    |
| Gwinnett Co Jackson Cr                 | Lilburn           | GA    | Thornville                            | Thornville      | OH    |
| Ocmulgee WPCP                          | Warner Robins     | GA    | West Carrollton                       | West Carrollton | OH    |
| Boise                                  | Boise             | ID    | Blackwell                             | Blackwell       | OK    |
| Belleville STP #1                      | Belleville        | IL    | Lebanon                               | Lebanon         | OR    |
| MWRDGC Stickney STP                    | Cicero            | IL    | Portland                              | Portland        | OR    |
| Jacksonville STP                       | Jacksonville      | IL    | Burnham STP                           | Burnham         | PA    |
| Morris STP                             | Morris            | IL    | Downingtown Area Regional Authority   | Downingtown     | PA    |
| Tolono STP                             | Westville         | IL    | Girard Boro                           | Girard          | PA    |
| Evansville STP – Westside              | Evansville        | IN    | Kiski Valley Water Pollution Control  | Leechburg       | PA    |
| Frankton Municipal STP                 | Frankton          | IN    | Philadelphia Water Dept (SW)          | Philadelphia    | PA    |
| Hammond Municipal STP                  | Hammond           | IN    | Philadelphia Water Dept (NE)          | Philadelphia    | PA    |
| Muncie Sanitary District               | Muncie            | IN    | Allengheny County Sanitary Authority  | Pittsburgh      | PA    |
| Terre Haute Municipal STP              | Terre Haute       | IN    | Narragansett Bay Commission – Bucklin | Providence      | RI    |

|                                |                |    |                                  |                |    |
|--------------------------------|----------------|----|----------------------------------|----------------|----|
| Union city Municipal STP       | Union City     | IN | Florence – Pee Dee River Plant   | Florence       | SC |
| Oakland STP                    | Topeka         | KS | WCRSA/Pelham WWTF                | Greenville     | SC |
| Shepherdsville STP             | Shepherdsville | KY | Brooking                         | Brookings      | SD |
| Billerica WWTP                 | Billerica      | MA | Sioux Falls                      | Sioux Falls    | SD |
| Fall River WWTF                | Fall River     | MA | Andrews STP                      | Andrews        | TX |
| Medfield WWTP                  | Medfield       | MA | Del Rio – San Felipe             | Del Rio        | TX |
| Pittsfield WWTP                | Pittsfield     | MA | Navasota, Grimes Co. STP         | Navasota       | TX |
| Patapsco WWTP                  | Baltimore      | MD | Orange, Jackson St WWTP          | Orange         | TX |
| South Portland WPCF            | South Portland | ME | Brazos River Authority (Waco)    | Waco           | TX |
| Dowagiac WWTP                  | Dowagiac       | MI | Fredericksburg City STP          | Fredericksburg | VA |
| Iron Mountain – Kingsford WWTP | Kingsford      | MI | Augusta County Service Authority | Verona         | VA |
| Genesee County – Ragnone WWTP  | Montrose       | MI | HRSD – James River STP           | Virginia Beach | VA |
| Port Huron WWTP                | Port Huron     | MI | HRSD – Chesapeake/Elizabeth STP  | Virginia Beach | VA |
| Wyandotte WWTP                 | Wyandotte      | MI | Metropolitan King County         | Renton         | WA |
| Western Lake SSD               | Duluth         | MN | Greenbrier County PSD No 2       | Rainelle       | WV |

**Table S2.** List of wastewater treatment plants (WWTPs) sampled for the targeted national sewage sludge survey by U.S. EPA

| <b>WWTP</b>                            | <b>Flow (F) in MGD</b> | <b>City</b>    | <b>State</b> |
|--|------------------------|----------------|--------------|
| Sugar Creek WWTP                       | 1<F<10                 | Alexander City | AL           |
| Aldridge Creek WWTP                    | 1<F<10                 | Huntsville     | AL           |
| Phoenix WWTP                           | 10<F<100               | Phoenix        | AZ           |
| Valley Sanitary District STP           | 1<F<10                 | Indio          | CA           |
| San Francisco                          | F>100                  | San Francisco  | CA           |
| El Estero WWTP                         | 1<F<10                 | Santa Barbara  | CA           |
| Santa Rosa                             | 1<F<10                 | Santa Rosa     | CA           |
| Stockton Water Quality Plant           | F>100                  | Stockton       | CA           |
| Los Angeles County Sanitation District | 10<F<100               | Whittier       | CA           |
| Boulder WWTP                           | 1<F<10                 | Boulder        | CO           |
| South Windsor                          | 1<F<10                 | South Windsor  | CT           |
| Three Oaks WWTF                        | 1<F<10                 | Estero         | FL           |
| Orange County Northwest WRF            | 1<F<10                 | Orlando        | FL           |
| Tampa                                  | 1<F<10                 | Tampa          | FL           |
| Albany                                 | 10<F<100               | Albany         | GA           |
| Americus-Mill Creek                    | 1<F<10                 | Americus       | GA           |
| Boone STP                              | 1<F<10                 | Boone          | IA           |
| Calumet Water Reclamation Plant        | F>100                  | Chicago        | IL           |
| Plainfield WWTP                        | 1<F<10                 | Plainfield     | IL           |
| Lake County DPW, New Century STP       | 1<F<10                 | Vernon Hills   | IL           |
| Dupage County-Knollwood STP            | 1<F<10                 | Wheaton        | IL           |
| Blucher Poole WWTP                     | 1<F<10                 | Bloomington    | IN           |
| William Ross Edwin WWTP                | 10<F<100               | Richmond       | IN           |
| Parsons                                | 1<F<10                 | Parsons        | KS           |
| Topeka                                 | 10<F<100               | Topeka         | KS           |
| Mayfield WWTP                          | 1<F<10                 | Mayfield       | KY           |
| Eunice                                 | 1<F<10                 | Eunice         | LA           |
| Jefferson Parish East Bank WWTP        | 1<F<10                 | Marrero        | LA           |
| Nantucket                              | 1<F<10                 | Nantucket      | MA           |
| Salisbury                              | 1<F<10                 | Salisbury      | MD           |
| Mechanic Falls Treatment Plant         | 1<F<10                 | Mechanic Falls | ME           |
| Benton Harbor-St. Joseph WWTP          | 1<F<10                 | St. Joseph     | MI           |
| Wixom WTP                              | 1<F<10                 | Wixom          | MI           |
| Festus Crystal City STP                | 1<F<10                 | Crystal City   | MO           |
| Elizabeth City WWTP                    | 1<F<10                 | Elizabeth City | NC           |
| Hillsborough WWTP                      | 1<F<10                 | Hillsborough   | NC           |
| Beatrice                               | 1<F<10                 | Beatrice       | NE           |

|   |          |                      |    |
|---|----------|----------------------|----|
| Wildwood Lower WTF                                  | 10<F<100 | Cape May Court House | NJ |
| Middlesex County Utility Authority WRC              | F>100    | Sayreville           | NJ |
| Verona TWP DPW                                      | 1<F<10   | Verona               | NJ |
| Buffalo   | F>100    | Buffalo              | NY |
| Canajoharie WWTP                                    | 1<F<10   | Canajoharie          | NY |
| Geneva A-C Marsh Creek STP                          | 1<F<10   | Geneva               | NY |
| NYC DEP - Jamaica WPCP                              | 10<F<100 | New York City        | NY |
| North Tonawanda STP                                 | 1<F<10   | North Tonawanda      | NY |
| Clermont County Commissioners                       | 1<F<10   | Batavia              | OH |
| Bedford   | 1<F<10   | Bedford              | OH |
| Metropolitan Sewer District Little Miami            | 10<F<100 | Cincinnati           | OH |
| Northeast Ohio Regional Sewerage District Southerly | F>100    | Cleveland            | OH |
| Delaware County Alum Creek WWTP                     | 1<F<10   | Delaware             | OH |
| Mingo Junction STP                                  | 1<F<10   | Mingo Junction       | OH |
| Duncan Public Utilities Authority                   | 1<F<10   | Duncan               | OK |
| City of Klamath Falls WWTF                          | 1<F<10   | Klamath Falls        | OR |
| Western Westmoreland Municipal Authority            | 1<F<10   | Irwin                | PA |
| Allegheny County Sanitary Authority                 | 1<F<10   | Pittsburgh           | PA |
| Greater Pottsville Area Sewer Authority             | 1<F<10   | Pottsville           | PA |
| Punxsutawney  | 1<F<10   | Punxsutawney         | PA |
| South Kingstown WWTF                                | 1<F<10   | Narragansett         | RI |
| Plum Island WWTP                                    | 10<F<100 | Charleston           | SC |
| Lawson Fork WTP                                     | 1<F<10   | Spartanburg          | SC |
| Elizabethton  | 1<F<10   | Elizabethton         | TN |
| Amarillo  | 10<F<100 | Amarillo             | TX |
| Dallas Southside WWTP                               | F>100    | Dallas               | TX |
| Trinity River Authority of Texas                    | 1<F<10   | Ellis County         | TX |
| Fredericksburg                                      | 1<F<10   | Fredericksburg       | TX |
| Odo J. Riedel Regional WWTP                         | 1<F<10   | Schertz              | TX |
| Wagner Creek WWTP                                   | 1<F<10   | Texarkana            | TX |
| Tyler Southside WTP                                 | 1<F<10   | Tyler                | TX |
| Spanish Fork City Corporation                       | 1<F<10   | Spanish Fork         | UT |
| Buena Vista   | 1<F<10   | Buena Vista          | VA |
| Everett City SVC Center MVD                         | 10<F<100 | Everett              | WA |
| Beaver Dam  | 1<F<10   | Beaver Dam           | WI |
| Elkins WWTP   | 1<F<10   | Elkins               | WV |
| Huntington  | 10<F<100 | Huntington           | WV |