



Association of  
Metropolitan  
Sewerage Agencies

**2004 Peak Performance Awards  
Application Packet**





# 2004

## Instructions for AMSA Peak Performance Awards Application

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**PLEASE NOTE:** *The AMSA Peak Performance Application form has been revised in 2004. Please use the updated MS Excel spreadsheet attached, or download the newest version from [www.amsa-cleanwater.org](http://www.amsa-cleanwater.org) or [www.cleanwatercentral.org](http://www.cleanwatercentral.org)*

### **Eligibility**

All treatment facility applicants must be publicly owned. Treatment facilities must provide, at minimum, secondary treatment, or advanced primary treatment with a 301(h) waiver. Treatment facilities of all sizes are eligible (i.e., no minimum hydraulic design capacity).

### **1. Agency Name**

Please indicate the name of the agency as it should appear on the award certificate.

### **2. Facility Name**

Please indicate the name of the facility as it should appear on the award certificate.

### **3. Facility Address**

Please indicate the location address of the facility.

### **4. Contact**

Please indicate the person to contact regarding questions on the award application. This person will also receive a confirmation either by email or fax upon receipt of the application, unless otherwise indicated.

### **5. Contact Phone / Fax / Email**

Please indicate the phone, fax and email information for the person to contact regarding questions on the award application. If neither a fax nor an email is provided, the contact will not receive a confirmation of application receipt.

### **6. Facility Effluent Quantity / Quality for 2004**

Please summarize the facility's effluent results for the requested parameters. For flow, indicate the total annual flow in billion gallons (BG), and the average daily flow in million gallons per day (MGD). For the remaining parameters, (BOD, CBOD, TSS, ammonia-nitrogen, and phosphorus), please indicate (if available) the total pounds discharged in 2004, and also the average effluent concentration (milligrams per liter) for the year. This data is necessary to prepare statistical information for the *2005 National Environmental Policy Forum & 35<sup>th</sup> Anniversary* in May.

### **7. NPDES Number**

Please indicate the applicable state or federally-issued NPDES permit number for the facility.

### **8. Design Capacity**

Please indicate the average daily design flow for the plant.

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## 9. Treatment Level

Please indicate the highest level of treatment attained at this treatment plant for the majority of flows treated. If the facility attains higher removal of pollutants (e.g., nutrients) beyond traditional secondary levels within the existing secondary treatment structures, indicate “advanced secondary treatment.” Respond with “tertiary treatment” if the plant has additional physical structures/units (e.g., filters), providing physical, chemical, or additional biological treatment to remove nutrients or other parameters.

## 10. Application For (Award Type)

Circle or highlight the award for which this facility is applying. The available awards include:

- Platinum Awards: *Platinum Awards* recognize 100% compliance with NPDES permits over a consecutive five-year period. *Platinum Awards* will be given to facilities with a consistent record of full NPDES compliance for the calendar years of 2000 through 2004. As part of this application packet, is a list of facilities that, based on AMSA's records, are eligible for a *Platinum Award* if the facility once again attains full compliance for the entire 2004 calendar year. If your agency has a facility that you believe is eligible for a *2004 Platinum Award*, but is not included on the enclosed list, please fax a copy of your *Gold Award* certificates from the past four years (2000, 2001, 2002 and 2003) to Shawnita Dickens at AMSA's National Office, phone: 202/833-2672, fax: 202/833-4657. Please note: AMSA's *Platinum Awards* are not rolling, upon receipt of a *Platinum Award*, member agency facilities must receive four consecutive *Gold Awards* to again be eligible for another *Platinum Award*.
- Gold Awards: *Gold Awards* recognize 100% compliance with NPDES permits for the past calendar year, and are presented to facilities with no NPDES permit violations in 2004.
- Silver Awards: *Silver Awards* are presented to facilities with no more than five NPDES violations in 2004.

## 11. Total Permit Violations

Please indicate the number of permit violations the facility experienced in 2004.

## 12. Total Compliance Points

To determine the number of compliance points, you should determine how many comparisons of analytical result data (either individual sample results, or aggregated averages), have been made with the facility's permit limits. For instance, if the facility effluent is sampled daily for BOD and has daily, weekly, and monthly concentration limits in its permit, the total number of compliance points would be calculated by summing up the number of comparisons made to the permit limits. This would include 366 daily sample results, plus 52 weekly averages, plus 12 monthly averages ( $366 + 52 + 12 = 430$  compliance points). Daily, weekly, and monthly mass limitations for BOD would add another 430 compliance points. Another example would be parameters with solely monthly average limits that are sampled once per year. These would constitute one compliance point each. For limited parameters that are monitored continuously, please report 366 compliance points.

## What Parameters Should Be Reported?

Include all parameters specified in the facility's NPDES permit that have specific permit limitations. With the exception of facility flow rates, do not include parameters that have monitoring only requirements. You may change the units reported on the form, if your permit or sampling program uses different units.

Please use the Excel spreadsheet application form where possible, however, if the survey form is not adequate to show all permit requirements and discharge results, it may be modified (e.g., replace BOD with CBOD) or a separate table may be submitted. For example, if the permit has daily, seasonal, or other, limits the table should

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list these and indicate the number of violations. If a separate table is submitted, please ensure that it includes responses to questions 1 to 12.

Please report average daily flow for each month, even if flow is not limited in your permit, however, do not include a flow limit, unless exceedances of the limit are considered violations of the permit.

### **Number of Violations**

For each parameter limited in your NPDES permit, list the number of permit violations (if any), occurring in the calendar year.

### **What to Submit**

Each application must include a copy of the applicable federal or states-issued NPDES permit requirements (except for those facilities discussed below). You need only submit the portion of the permit directly applicable to your effluent limitations. A copy of a completed Discharge Monitoring Report (DMR) from a typical month that includes permit limitations may be substituted for a copy of the permit requirements. If your facility submitted a copy of permit limits along with a 2003 *Peak Performance Award* application, AND the facility's permit limits have not changed in the past year, you do not need to include a copy of the facility permit requirements for 2004. AMSA has provided a list of facilities with permit requirements already on file in this application packet.

In addition to award application and a copy of your permit requirements, AMSA also requests that you complete and submit the *Cleanwater Central™ Wastewater Treatment Facility Description Form* included in this application packet. This information will be used to add or update your facility information in the joint AMSA/WERF Cleanwater Central™ database available at [www.cleanwatercentral.org](http://www.cleanwatercentral.org).

### **Submitting Your Application**

There are several methods to submit your *Peak Performance Award* application. The most preferable method, especially if you are submitting a significant number of pages or several applications, is by U.S. postal service at the following address:

Shawnita Dickens  
AMSA National Office  
1816 Jefferson Place, N.W.  
Washington, D.C. 20036.

In this way, AMSA receives your award application in a properly compiled format, and the application forms are most legible.

For those applicants that have relatively standard permit requirements, we encourage you to visit *Cleanwater Central™* to complete your application online. You must use your AMSA website user id and password to login into CleanWater Central, and then click on the *Peak Performance Awards* logo found on your agency profile page (see detailed instructions below).

If you need additional forms, or would like an electronic copy of the Excel spreadsheet application, these may be downloaded from AMSA's *Clean Water on the Web* site, <http://www.amsa-cleanwater.org>. Completed forms may be faxed to: Mark Hoeke at 202/318-1472 or e-mailed to Mark Hoeke at [mhoeke@bluewin.ch](mailto:mhoeke@bluewin.ch).

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## **Instructions for Online Award Application and Submittal**

Visit [www.cleanwatercentral.org](http://www.cleanwatercentral.org) to complete and submit an online application form for the 2004 *Peak Performance Award Program*. AMSA is pleased to offer this convenient online application for your convenience. Simply follow these steps to submit your survey response online:

1. Go to the *CleanWater Central* homepage at [www.cleanwatercentral.org](http://www.cleanwatercentral.org)
2. Click on "Enter private subscribers area"
3. Enter your AMSA Member Pipeline ID (website ID) and password. Click on "login." [Don't know your agency's user ID and password? Contact Mark Hoeke, phone: 202/361-7446 or [mhoeke@bluewin.ch](mailto:mhoeke@bluewin.ch)]
4. At your agency profile page, click on the *Peak Performance Award* icon (located on the right-side of the screen)
5. Select the facility for which you would like to submit a *Peak Performance* application, and complete the application. If your facility does not appear on the list, click on "Add Facility"
6. You may save your online application for later submittal by clicking on "Save."

### **Will I Receive a Confirmation That My Award Has Been Received?**

After submitting your award application via mail, fax, online, or e-mail, you (or the contact listed on the application) should receive a confirmation by e-mail (if provided), or fax within 10 working days from the date of submitting your application. If you do not provide an email, nor a fax number where you can be reached, you will not receive a confirmation. If you do not receive confirmation, please contact Mark Hoeke at 202/361-7446 or [mhoeke@bluewin.ch](mailto:mhoeke@bluewin.ch).

### **Deadline for Submittals**

Award applications must be submitted or postmarked by March 4, 2005.

### **Questions?**

Please contact Mark Hoeke via email: [mhoeke@bluewin.ch](mailto:mhoeke@bluewin.ch), or phone: 202/361-7446, with any questions you may have regarding completion of the *Peak Performance* application form. General questions about the *Peak Performance Award Program* and awards presentation should be directed to Shawnita Dickens, at AMSA's National Office, phone: 202/833-1449 or e-mail: [sdickens@amsa-cleanwater.org](mailto:sdickens@amsa-cleanwater.org).

\*\*\* Thank you for your interest in AMSA's *Peak Performance Awards Program* \*\*\*

**2004 AMSA PEAK PERFORMANCE AWARD APPLICATION**  
 NPDES PERMIT REQUIREMENTS AND PLANT DISCHARGE PERFORMANCE RESULTS

1. Agency Name\*: \_\_\_\_\_  
 2. Facility Name\*: \_\_\_\_\_  
 3. Facility Address \_\_\_\_\_  
 4. Contact: \_\_\_\_\_  
 5. Phone/Fax/Email: \_\_\_\_\_

7. NPDES Number: \_\_\_\_\_

8. Design Capacity: \_\_\_\_\_

9. Treatment Level : \_\_\_\_\_  
 (e.g. Secondary, Advanced Secondary, Tertiary)

6. Please Summarize the Facility's Effluent Quality / Quality for 2004

	<u>2004</u>		<u>2004</u>	
	<u>Total</u>		<u>Average</u>	
Flow	_____	BG	_____	MGD
BOD	_____	lbs	_____	mg/l
CBOD	_____	lbs	_____	mg/l
TSS	_____	lbs	_____	mg/l
Ammonia-Nitrogen	_____	lbs	_____	mg/l
Phosphorus	_____	lbs	_____	mg/l



10. Application For (circle/highlight one):

- Platinum Award
- Gold Award
- Silver Award

11. Total Permit Violations in 2004 \_\_\_\_\_

12. Total Compliance Points in 2004 \_\_\_\_\_  
 (see instructions)

Parameter		Permit	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	# of
		Limit	Eff	Eff	Eff	Eff	Eff	Eff	Eff	Eff	Eff	Eff	Eff	Eff	Vio.
Flow (MGD)															
BOD (mg/L)	Mo. Avg.														
	Wk. Max														
	Daily														
BOD (kg/day)	Mo. Avg.														
	Wk. Max														
	Daily														
BOD % Removal	Min														
TSS (mg/L)	Mo. Avg.														
	Wk. Max														
	Daily														
TSS (kg/day)	Mo. Avg.														
	Wk. Max														
	Daily														
TSS % Removal	Min														

\* Please indicate agency and facility name as it should appear on the award certificate.

Parameter		Permit	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	# of
		Limit	Eff	Eff	Eff	Eff	Eff	Eff	Eff	Eff	Eff	Eff	Eff	Eff	Vio.
NH <sub>3</sub> -N (mg/L)	Mo. Avg.														
	Wk. Max														
	Daily														
NH <sub>3</sub> -N (kg/day)	Mo. Avg.														
	Wk. Max														
	Daily														
TKN (mg/l)	Mo. Avg.														
	Wk. Max														
	Daily														
TKN (kg/day)	Mo. Avg.														
	Wk. Max														
	Daily														
P (mg/L)	Mo. Avg.														
	Wk. Max														
	Daily														
P (kg/day)	Mo. Avg.														
	Wk. Max														
	Daily														
Fecal Coliform/100 ml.	Mo. Avg.														
	Wk. Max														
	Daily														
E.Coli/100 ml.	Mo. Avg.														
	Wk. Max														
	Daily														
pH	Max														
	Min														
Cl <sub>2</sub> Residual	Min														
	Max														
Dissolved Oxygen	Min														
Oil & Grease (mg/L)	Mo. Avg.														
	Wk. Max														
Solids, Settleable	Mo. Avg.														
	Wk. Max														
Arsenic (ug/L)	Mo. Avg.														
	Daily														
Cadmium (ug/L)	Mo. Avg.														
	Daily														
Chromium (ug/L)	Mo. Avg.														
	Daily														

\* Please indicate agency and facility name as it is should appear on the award certificate.

Parameter		Permit	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	# of	
		Limit	Eff	Eff	Eff	Eff	Eff	Eff	Eff	Eff	Eff	Eff	Eff	Eff	Vio.	
Copper (ug/L)	Mo. Avg.															
	Daily															
Lead (ug/L)	Mo. Avg.															
	Daily															
Nickel (ug/l)	Mo. Avg.															
	Daily															
Mercury (ug/L)	Mo. Avg.															
	Daily															
Selenium (ug/L)	Mo. Avg.															
	Daily															
Silver (ug/L)	Mo. Avg.															
	Daily															
Zinc (ug/L)	Mo. Avg.															
	Daily															
Cyanide (ug/L)	Mo. Avg.															
	Daily															
Phenolics(ug/L)	Mo. Avg.															
	Daily															

Note: 1) Include all parameters specified in NPDES Permit  
2) If NPDES Permit includes seasonal limits, indicate and include





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## AMSA's 2004 Potential Platinum Award Honorees

**East Bay Municipal Utility District, Calif.**

*Special District No. 1 Wastewater Treatment Plant*

**South Bayside System Authority, Calif.**

*South Bayside System Authority*

**Metro Wastewater Reclamation District, Colo.**

*Wastewater Treatment Plant*

**Gwinnett County Department of Public Utilities, Ga.**

*Jackson Creek Water Reclamation Facility*

**City of Indianapolis Department of Public Works, Ind.**

*Belmont Advanced Wastewater Treatment Plant*

**Washington Suburban Sanitary Commission, Md.**

*Damascus Wastewater Treatment Plant*

*Piscataway Wastewater Treatment Plant*

**City of Rochester, Minn.**

*Water Reclamation Plant*

**Western Lake Superior Sanitary District, Minn.**

*Western Lake Superior Sanitary District*

**The Ocean County Utilities Authority, N.J.**

*Northern Water Pollution Control Facility*

*Southern Water Pollution Control Facility*

**Passaic Valley Sewerage Commissioners, N.J.**

*Passaic Valley Sewerage Commissioners Wastewater Treatment Plant*

**City of Salem, Ore.**

*Willow Lake Wastewater Treatment Plant*

**Philadelphia Water Department, Pa.**

*Southeast Water Pollution Control Plant*

**Trinity River Authority, Texas**  
*Red Oak Creek Wastewater Treatment Plant*

**El Paso Water Utilities Public Service Board, Texas**  
*Haskell R. Street Wastewater Treatment Plant*

**San Antonio Water System, Texas**  
*Dos Rios Wastewater Treatment Plant*

**Central Davis County Sewer District, Utah**  
*Central Davis County Sewer District*

**Hampton Roads Sanitation District, Va.**  
*Williamsburg Wastewater Treatment Plant*

**Hanover County Department of Public Utilities, Va.**  
*Doswell Wastewater Treatment Plant*



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## Copies of Permit Requirements Submitted for 2003 Peak Performance Awards

If your facility submitted a copy of permit limits along with a 2003 Peak Performance Award application, AND the facility's permit limits have not changed in the past year, you do not need to include a copy of the facility permit requirements for 2004. Below is a list of facilities that submitted copies of permit requirements in 2003 that are currently on file (if a permit number is missing below please provide the permit number on your award application form).

### **Anchorage Water & Wastewater Utility, AK**

Eagle River Wastewater Treatment Facility - *AK-002254-3*

### **Jefferson County Commission, AL**

Cahaba River Wastewater Treatment Plant - *AL0023027*  
Five Mile Creek Wastewater Treatment Plant - *AL0026913*  
Norman R. Skinner Wastewater Treatment Plant - *AL0067067*  
Prudes Creek Wastewater Treatment Plant - *AL0056120*  
Trussville Wastewater Treatment Plant - *AL0022934*  
Turkey Creek Wastewater Treatment Plant - *AL0022926*  
Valley Creek Wastewater Treatment Plant - *AL0023655*  
Village Creek Wastewater Treatment Plant - *AL0023647*

### **City of Little Rock Wastewater Utility, AR**

Adams Field Wastewater Treatment Plant - *AR0021806*  
Fourche Creek Wastewater Treatment Plant - *AR0040177*

### **City of Phoenix Water Services Department, AZ**

23rd Avenue WWTP - *AZ0020559*  
91st Avenue Multi-Cities WWTP - *AZ0020524*

### **Pima County Wastewater Management Department, AZ**

Ina Road Water Pollution Control Facility - *AZ0020001*

### **Central Contra Costa Sanitary District, CA**

Central Contra Costa Sanitary District Treatment Plant - *CA0037648*

### **City and County of San Francisco, CA**

Oceanside Water Pollution Control Plant - *CA0037681*

### **City of Los Angeles Department of Public Works, CA**

Hyperion Treatment Plant - *CA0109991*  
Terminal Island Treatment Plant - *CA0053856*

### **City of Modesto, CA**

Water Quality Control -

### **City of Oxnard, CA**

City of Oxnard Wastewater Treatment Plant - *CA0054097*

### **City of Palo Alto, CA**

City of Palo Alto Regional Water Quality Control Plant - *CA0037834*

### **City of Riverside, CA**

Riverside Regional Water Quality Control Plant - *CA0105350*

### **City of San Diego Metropolitan Wastewater Department, CA**

E. W. Blom Point Loma Metropolitan Wastewater Treatment Plant - *CA0107409*  
North City Water Reclamation Plant -  
South Bay Water Reclamation Plant -

### **City of San Jose, CA**

San Jose/Santa Clara Water Pollution Control Plant - *CA0037842*

### **County Sanitation Districts of Los Angeles County, CA**

Joint Water Pollution Control Plant - *CA0053813*  
Long Beach Water Reclamation Plant - *CA0054119*  
Los Coyotes Water Reclamation Plant - *CA0054011*  
Pomona Water Reclamation Plant - *CA0053619*  
San Jose Creek Water Reclamation Plant, West - *CA0053911*  
Saugus Water Reclamation Plant - *CA0054313*  
Whittier Narrows Water Reclamation Plant - *CA0053716*

### **East Bay Municipal Utility District, CA**

East Bay Municipal Utility District Special District No. 1 - *CA0037702*

### **Encina Wastewater Authority, CA**

Encina Water Pollution Control Facility - *CA0107395*

### **Sacramento Regional County Sanitation District, CA**

Sacramento Regional Wastewater Treatment Plant - *CA0077682*

### **South Bayside System Authority, CA**

South Bayside System Authority - *CA0038369*

### **South Orange County Wastewater Authority, CA**

Aliso Creek Ocean Outfall -  
San Juan Creek Ocean Outfall -

### **Vallejo Sanitation & Flood Control District, CA**

Ryder Street Treatment Plant - *CA0037699*

### **West County Wastewater District, CA**

Water Pollution Control Plant - *CA0038539*

### **City of Greeley Water and Sewer Department, CO**

Greeley Water Pollution Control Facility - *CO0040258*

### **City of Pueblo, CO**

James R. Dilorio Water Reclamation Facility - *CO0026646*

### **City of Boca Raton, FL**

Glades Road Wastewater Treatment Facility - *FL0026344*

### **City of Clearwater, FL**

East A.W.T. Facility - *FL0021865*  
Marshall Street AWWT - *FL002185701*  
Northeast AWWT Facility - *FL0128937*

### **Escambia County Utilities Authority, FL**

Bayou Marcus Water Reclamation Facility - *FL0031801*

### **Hillsborough County Water Department, FL**

Dale Mabry Wastewater Treatment Plant - *FL0036820*  
Valrico Advanced Wastewater Treatment Plant - *FL0040983*

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**JEA, FL**

Mandarin WRF - *FL0023493*  
Royal Lakes Wastewater Treatment Plant - *FL0026751*  
San Jose WWTP - *FL0023663*

**Orange County Utilities, FL**

Eastern Water Reclamation Facility - *FL0038849*

**City of Atlanta, GA**

R.M. Clayton Water Reclamation Center - *GA0021482*  
South River Water Reclamation Center - *GA0024040*  
Utoy Creek Water Reclamation Center - *GA0021458*

**Gwinnett County Department of Public Utilities, GA**

Beaver Run/Sweetwater Creek Water Reclamation Facility - *GA0032841*  
Jackson Creek Water Reclamation Facility - *GA0030732*

**Macon Water Authority, GA**

Lower Poplar Street WPCP - *GA0024538*  
Rocky Creek WPCP - *GA0024546*

**City and County of Honolulu, Department of Environmental Services, HI**

Honouliuli WWTP - *HI0020877*  
Kailua Regional WWTP -  
Sand Island WWTP -  
Wahiawa WWTP -  
Waianae WWTP -

**City of Boise, ID**

Lander Street Wastewater Treatment Plant - *ID0020443*  
West Boise Waste Water Treatment Plant -

**American Bottoms Regional Wastewater Treatment Facility, IL**

American Bottoms Regional Wastewater Treatment Facility - *IL0065145*

**Bloomington & Normal Water Reclamation District, IL**

Howard L. Southerland Wastewater Treatment Facility - *IL0027731*

**Downers Grove Sanitary District, IL**

Downers Grove Sanitary District Wastewater Treatment Center - *IL0028380*

**Fox Metro Water Reclamation District, IL**

Fox Metro Water Reclamation District - *IL0020818*

**Hinsdale Sanitary District, IL**

John A. McElwain Water Reclamation Plant - *IL0022586*

**North Shore Sanitary District, IL**

Clavey Road Sewage Treatment Plant - *IL0030171*  
Gurnee Sewage Treatment Plant - *IL00350092*  
Waukegan Sewage Treatment Plant - *IL0030244*

**Rock River Water Reclamation District, IL**

Rock River Water Reclamation District - *IL0027201*

**Urbana & Champaign Sanitary District, IL**

Northeast WWTP - *IL0031500*  
Southwest WWTP - *IL0031526*

**City of Valparaiso Water Reclamation Utility, IN**

Elden Kuehl Pollution Control Facility Wastewater Treatment Plant - *IN0024660*

**Louisville & Jefferson County Metropolitan Sewer District, KY**

Cedar Creek WTP - *KY0098540*  
Floyds Fork WTP - *KY0102784*  
Hite Creek WTP - *KY0022420*  
Jeffersontown WTP - *KY0025194*  
West County WTP - *KY0078956*

**Sanitation District No. 1 of Northern Kentucky, KY**

Dry Creek Wastewater Treatment Plant - *KY0021466*

**City of Fall River, MA**

Fall River Wastewater Treatment Facility - *MA0100382*

**Massachusetts Water Resources Authority, MA**

Deer Island Treatment Plant - *MA0103284*

**The City of Lowell, MA**

The Lowell Regional Wastewater Utility - *MA0100633*

**Anne Arundel County Department of Public Works, MD**

Annapolis Water Reclamation Facility - *MD0021814*  
Broadneck Water Reclamation Facility - *MD0021644*  
Broadwater Water Reclamation Facility - *MD0024350*  
Cox Creek Water Reclamation Facility - *MD0021661*  
Maryland City Water Reclamation Facility - *MD0062596*  
Patuxent Water Reclamation Facility - *MD0021652*

**Washington Suburban Sanitary Commission, MD**

Damascus WWTP - *MD00290982*  
Piscataway Wastewater Treatment Plant - *MD0021539*  
Seneca WWTP - *MD0021490*

**City of Flint, MI**

Water Pollution Control Facility - *MI0022926*

**City of Kalamazoo, MI**

Kalamazoo Water Reclamation Plant - *MI0023299*

**Oakland County Drain Commissioners, MI**

Walled Lake-Novu Wastewater Treatment Plant - *MI0024287*

**Rochester, Minnesota Water Reclamation Plant, MN**

Water Reclamation Plant -

**Western Lake Superior Sanitary District, MN**

Western Lake Superior Sanitary District - *MN0049786*

**Independence Water Pollution Control Department, MO**

Rock Creek Waste Treatment Facilities - *MO0089681*

**Metropolitan St. Louis Sewer District, MO**

Baumgartner Lagoon -  
Bissell Point Wastewater Treatment Plant - *MO025178*  
Coldwater WWTP - *MO025160*  
Fenton Wastewater Treatment Plant - *MO0086126*  
Grand Glaize WWTP - *MO0101362*  
Meramac Lagoon - *MO0100978*  
Missouri River WWTP - *MO0004391*

**Charlotte Mecklenburg Utility Department, NC**

Irwin Creek Wastewater Treatment Plant - *NC0024945*  
McAlpine Creek Wastewater Treatment Plant - *NC0024970*  
McDowell Creek Wastewater Treatment Plant - *NC0036277*  
Sugar Creek Wastewater Treatment Plant - *NC0024937*

**City of Raleigh Public Utilities Department, NC**

Neuse River WWTP - *NC0029033*

**Metropolitan Sewerage District of Buncombe County, NC**

Metropolitan Sewerage District of Buncombe County - *NC0024911*

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**Water and Sewer Authority of Cabarrus County, NC**  
Muddy Creek Wastewater Treatment Plant - 704-888-4888

**City of Omaha, NE**  
Missouri River WWTP - NE0036358  
Papillion Creek Wastewater Treatment Plant - NE0112810

**Bergen County Utilities Authority, NJ**  
Bergen County Utilities Authority - NJ0020028

**Hamilton Township, NJ**  
Hamilton Township Wastewater Utility - NJ0026301

**Passaic Valley Sewerage Commissioners, NJ**  
Passaic Valley Sewerage Commissioners - NJ0021016

**Secaucus Municipal Utilities Authority, NJ**  
Koelle Boulevard Wastewater Treatment Facility - NJ0025038

**Stony Brook Regional Sewerage Authority, NJ**  
River Road Wastewater Treatment Facility - NJ0031119

**The Ocean County Utilities Authority, NJ**  
Central Water Pollution Control Facility - NJ0029408  
Northern Water Pollution Control Facility - NJ0028142  
Southern Water Pollution Control Facility - NJ0026018

**City of Albuquerque, NM**  
Southside Water Reclamation Plant - NM0022250

**City of Henderson, NV**  
Water Reclamation Facility - NV0022098

**City of Las Vegas, NV**  
Water Pollution Control Facility - NV0020133

**Clark County Water Reclamation District, NV**  
Clark County Water Reclamation District-Las Vegas - NV0021261

**County of Nassau Department of Public Works, NY**  
Bay Park Sewage Treatment Plant - NY0026450  
Cedar Creek Water Pollution Control Plant - NY0028859

**County of Nassau Department of Public Works, NY**  
Bay Park Sewage Treatment Plant - NY0026450  
Cedar Creek Water Pollution Control Plant - NY0028859

**Rockland County Sewer District #1, NY**  
Rockland County Sewer District #1 - NY0031895

**City of Akron Public Utilities Bureau, OH**  
Water Pollution Control Division - OH0023833

**City of Canton, OH**  
Water Pollution Control Center - OH0024350

**City of Columbus, Ohio, Division of Sewerage and Drainage, OH**  
Jackson Pike Wastewater Treatment Plant - OH0024732  
Southerly Wastewater Treatment Plant - OH0024741

**City of Toledo Department of Public Utilities, OH**  
Toledo Wastewater Treatment Plant -

**Metropolitan Sewer District of Greater Cincinnati, OH**  
Arrow Street Wastewater Treatment Plant -  
Indian Creek WWTP -  
Little Miami Treatment Plant -  
Mayflower Wastewater Treatment Plant -  
Muddy Creek WWTP -  
Northeast Knolls Wastewater Treatment Plant -

Pebble Creek Wastewater Treatment Plant -  
Taylor Creek Wastewater Treatment Plant -  
William Meadows Wastewater Treatment Plant -

**Northeast Ohio Regional Sewer District, OH**  
Southerly Wastewater Treatment Center - 3PF00002\*LD  
Westerly Wastewater Treatment Plant - 3PE00001\*KD

**Tulsa Metropolitan Utility Authority, OK**  
Haikey Creek Wastewater Treatment Plant - OK0034363  
Northside Wastewater Treatment Plant - OK0026221  
Southside Wastewater Treatment Plant - OK0026239

**City of Corvallis, OR**  
Wastewater Reclamation Plant - OR002636-1

**City of Eugene, OR**  
Eugene/Springfield Water Pollution Control Facility -

**City of Gresham, OR**  
Gresham Wastewater Treatment Plant -

**City of Klamath Falls, OR**  
Spring Street Wastewater Treatment and Reclamation Facility -  
OR0026301

**City of Portland - Bureau of Environmental Services, OR**  
Columbia Blvd. Wastewater Plant - OR0101505  
Tryon Treatment Plant - OR0026891

**City of Salem, OR**  
Willow Lake Water Pollution Control Facility - OR101145

**Clean Water Services, OR**  
Durham Facility - OR0101141  
Forest Grove Facility -  
Hillsboro Facility -  
Rock Creek Facility -

**Water Environment Services of Clackamas County, OR**  
Kellogg Creek Water Pollution Control Plant -  
Tri-City Water Pollution Control Plant -

**Spartanburg Sanitary Sewer District, SC**  
Carolina Country Club - SC0039560  
Clifton Converse Wastewater Treatment Plant - SC0042668  
Community of Fingerville - SC0047759  
Cowpens - Pacolet River - SC0045624  
Fairforest Wastewater Treatment Plant - SC0020435  
Idlewood - SC0030554  
Lawson Fork Wastewater Treatment Plant - SC0020427  
Lower North Tyger River WWTP - SC0048143  
Marilyndale Wastewater Treatment Plant - SC0030121  
North Tyger River Wastewater Treatment Plant - SC0043532  
Pacolet Mills Wastewater Treatment Plant - SC0044717  
Page Creek Wastewater Treatment Plant - SC0026875  
Roebuck Middle School - SC0037532  
South Tyger River Regional WWTP - SC0047732  
Spartanburg Water System/Simms - SC0030279

**Spartanburg Water System and Sanitary Sewer District, SC**  
Carolina Country Club - SC0039560  
Clifton Converse Wastewater Treatment Plant - SC0042668  
Community of Fingerville - SC0047759  
Cowpens - Pacolet River - SC0045624  
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Spartanburg Water System/Simms - SC0030279

**The Charleston Commissioners of Public Works, SC**  
Plum Island Wastewater Treatment Plant - SC0021229

**Western Carolina Regional Sewer Authority, SC**

Durbin Creek -  
Gilder Creek - SC0040525  
Grove Creek - SC0024317  
Idlewild Trust SD - SC0023973  
Lakeside - SC0037460  
Lower Reedy - SC002461  
Mauldin Road - SC0841211  
Pelham - SC0033804  
Piedmont - SC0023906  
Saluda - SC0034568  
Slater - Marietta - SC0026883  
Taylors - SC0024309

**City of Johnson City, TN**

Brush Creek Wastewater Treatment Plant - TN0024244  
Johnson City Regional Wastewater Treatment Plant - TN0028789  
Knob Creek Wastewater Treatment Plant - TN0024235

**City of College Station - College Station Utilities, TX**

Carter's Creek Wastewater Treatment Plant -  
Lick Creek Wastewater Treatment Plant -

**City of Dallas Water Utilities, TX**

Central Wastewater Treatment Plant - TX0047830  
Southside Wastewater Treatment Plant - TX0047848

**City of Fort Worth Water Dept., TX**

Village Creek WWTP - TX0047295

**City of Houston, TX**

Almeda Sims - TX0034924  
Beltway - TX0065307  
Chocolate Bayou - TX0063061  
Easthaven - TX0034886  
Forest Cove - TX0034924  
FWSD-23 - TX0063053  
Greenridge - TX0026433  
Homestead - TX0063029  
Imperial Valley - TX0020478  
Intercontinental Airport - TX0034916  
Keegans Bayou - TX0098191  
Kingwood Central - TX0066583  
Metro Central - TX0069736  
MUD-203 - TX0084875  
MUD-48 - TX0088501  
Northbelt - TX0103721  
Northeast - TX0063037  
Northgate - TX0055310  
Sagemont - TX0063070  
Sims Bayou - TX0062201  
Sims South - TX0105058  
Southeast - TX0035009  
Southwest - TX0062995  
Tidwell Timbers - TX0101460  
Turkey Creek - TX0035017  
Upper Brays - TX0088153  
WCID-111 - TX0027201  
WCID-47 - TX0063045  
WCID-76 - TX0025291

West District - TX0063002  
Westway - TX0026875  
White Oaks - TX0057347  
Willow Run - TX0075663  
Willowbrook Regional - TX0113131

**El Paso Water Utilities, TX**

Haskell R. Street Wastewater Treatment Plant - TX0026751  
Northwest Wastewater Treatment Plant - TX0087149  
Roberto R. Bustamante Wastewater Treatment Plant - TX0101065

**Gulf Coast Waste Disposal Authority, TX**

40-Acre Facility - TX0057843  
Blackhawk Regional Wastewater Treatment Plant - TX0069728  
Odessa South Regional Wastewater Treatment Facility - TX0113026  
Washburn Tunnel Facility - TX0052591

**North Texas Municipal Water District, TX**

Squabble Creek WWTP - TX0022241

**San Antonio Water System, TX**

Dos Rios Water Recycling Center - TX10137033  
Medio Creek Water Recycling Center - TX10137040

**Central Davis Sewer District, UT**

Central Davis Sewer District - UT0020974

**Salt Lake City Department of Public Utilities, UT**

Salt Lake City Water Reclamation Plant - UT0021725

**Snyderville Basin Water Reclamation District, UT**

East Canyon Water Reclamation Facility - UT0020001  
Silver Creek Water Reclamation Facility - UT0024414

**County of Chesterfield Utilities Department, VA**

Falling Creek Wastewater Treatment Plant - VA0023996

**County of Fairfax, VA**

Norman M. Cole, Jr. Pollution Control Plant - VA0025364

**Hampton Roads Sanitation District, VA**

Army Base STP - VA0081230  
Atlantic STP - VA0081248  
Boat Harbor STP - VA0081256  
Chesapeake-Elizabeth STP - VA0081264  
James River STP - VA0081272  
Mathews STP - VA0028819  
Nansemond STP - VA0081299  
Urbanna STP - VA0026263  
Virginia Initiative STP - VA0081281  
West Point STP - VA0075434  
Williamsburg STP - VA0081302  
York River STP - VA0081311

**Hanover County Department of Public Utilities, VA**

Ashland Wastewater Treatment Plant - VA0024899  
Doswell Wastewater Treatment Plant - VA0029521

**Hanover County Public Utilities, VA**

Ashland Wastewater Treatment Plant - VA0024899  
Doswell Wastewater Treatment Plant - VA0029521

**City of Tacoma Wastewater Management Operations, WA**

Central Treatment Plant - WA0037087

**King County Department of Natural Resources and Parks, WA**

South Treatment Plant - WA-0029581

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**Lakehaven Utility District, WA**

Lakota Wastewater Treatment Facility - *WA0022624*

Redondo Wastewater Treatment Plant - *WA002345-1(M)*

**Heart of the Valley Metropolitan Sewerage District, WI**

Heart of the Valley Metropolitan Sewerage District - *WI0031232*

**Madison Metropolitan Sewerage District, WI**

Nine Springs Wastewater Treatment Plant - *WI0024597-6*

**Milwaukee Metropolitan Sewerage District, WI**

Jones Island Wastewater Treatment Plant - *WI0036820*

South Shore Wastewater Treatment Plant - *WI0036820*

**Racine Water and Wastewater Utilities, WI**

Racine Wastewater Treatment Plant - *WI00251945*



# Cleanwater Central™ Wastewater Treatment Facility Description Form

Version 12/13/2004.

Please complete the questions below for your facility. Use separate forms for different facilities.

## Facility Name and Address

Name of Treatment Facility:					
Street Address:					
City:		State/Prov:		Zip/Postal Code:	
		Country:			

### Plant Flows

Flow Type	Volume (MGD)
Peak Design Flow (MGD)	
Average Design Flow (MGD)	
Average Daily Dry Flow (MGD)	
Average Daily Flow (MGD)	
Reclaimed Flow (MGD)	
Biosolids (Dry Tons/Day)	
Domestic/Comm. (MGD)	
Industrial (MGD)	
Stormwater (MGD)	

### Treatment Level / Year of Operation

- Treatment Level  
(Circle appropriate)
1. Primary
  2. Advanced Primary
  3. Secondary
  4. Advanced Secondary
  5. Tertiary

Operation Began (Year):  
\_\_\_\_\_

### Plant Staffing

Type of Operation (Circle appropriate):

1. Public
2. Private
3. Public / Private

Full-Time Staff Equivalents (FTEs): \_\_\_\_\_

Plant Contact Name, Title & Address:

## Treatment Plant Upgrades

Past or Future Upgrade (Circle appropriate)	Planned or Complete (Circle appropriate)	Completion Year	Upgrade Category (Circle Appropriate)*	Upgrade Description
Past / Future	Planned / Complete		CE / ETL / PA / R / O	
Past / Future	Planned / Complete		CE / ETL / PA / R / O	
Past / Future	Planned / Complete		CE / ETL / PA / R / O	
Past / Future	Planned / Complete		CE / ETL / PA / R / O	
Past / Future	Planned / Complete		CE / ETL / PA / R / O	
Past / Future	Planned / Complete		CE / ETL / PA / R / O	
Past / Future	Planned / Complete		CE / ETL / PA / R / O	

\* CE - Capacity Expansion, ETL - Enhance Treatment Level, PA - Process Addition, R - Rehabilitation, O - Other.

## Wastewater Treatment Processes

<p><u>Preliminary Treatment (Circle all that apply)</u>            Septage Receiving Station            Wet Weather Storage            Grit Removal (aerated or vortex)            Screening            Flow or Load Equalization            Other _____</p> <p><u>Primary Treatment (Circle all that apply)</u>            Sedimentation            Chemical Addition: Polymer            Chemical Addition: Ferric Chloride            Chemical Addition: Other _____            Other Treatment: _____</p> <p><u>Secondary Treatment (Circle all that apply)</u>            Activated Sludge: Conventional            Activated Sludge: Complete Mix            Activated Sludge: Contact Stabilization            Activated Sludge: High Rate            Activated Sludge: Pure Oxygen            Activated Sludge: Extended Aeration            Activated Sludge: Activated Biofilter            Activated Sludge: SBR</p>	<p><u>Secondary Treatment (Circle all that apply)</u>            Trickling Filters: Rock Media            Trickling Filters: Plastics Media            Trickling Filters: Solids Contact            Rotating Biological Contactors            Stabilization Ponds            Lagoons: Aerobic            Lagoons: Anaerobic            Lagoons: Facultative            Membrane Bioreactor            Secondary Clarifiers            Other Treatment: _____            Chemical Addition: Polymer            Chemical Addition: Ferric Chloride            Chemical Addition: Other _____</p> <p><u>Advanced Treatment (Circle all that apply)</u>            BNR: Nitrification            BNR: Denitrification            BNR: Phosphorus Removal            BNR: BardenPho            BNR: Ledzack-Ettinger            Filter Type: Conventional            Filter Type: Traveling Bridge</p>	<p><u>Advanced Treatment (Circle all that apply)</u>            Filter Type: Deep Bed            Filter Type: Cloth Disk            Filter Type: Upflow Continuous Backwash            Filter Type: Membranes            Filtration Media: Sand Filters            Filtration Media: Anthracite Filters            Filtration Media: Sand + Anthracite            Filtration Media: Granular Activated Carbon            Neutralization            Ion Exchange            Breakpoint Chlorination            Electrodialysis            Reverse Osmosis            Ozone Oxidation            Activated Carbon            Land Treatment: Slow Rate            Land Treatment: Rapid Infiltration            Land Treatment: Overland Flow            Other Treatment: _____            Chemical Addition: Polymer            Chemical Addition: Ferric Chloride            Chemical Addition: Other _____</p>
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# Cleanwater Central™ Wastewater Facility Description Form (page 2 of 2)

Disinfection Process
<u>Disinfection Process (Circle all that apply)</u>
Sodium Hypochlorite
Chlorine Gas
Other Chlorine: _____
Ultraviolet: Low Pressure
Ultraviolet: Medium Pressure
Ozonation
Dechlorination

Effluent Disposal
<u>Effluent Disposal (Circle all that apply)</u>
Stream/River
Lake
Estuary
Ocean
Ground (Deep Well)
Lagoon
Effluent Reuse: Agricultural
Effluent Reuse: Landscape
Effluent Reuse: Industrial
Effluent Reuse: Other _____
Other Comments: _____

Receiving Water TMDLs
<u>Subject to TMDLs (Circle all that apply)</u>
Bacteria
Nutrients
Sediments
Mercury
Other Metals: _____
Other: _____

Biosolids Processes	
<u>Biosolids Processes (Circle all that apply)</u>	
Digestion: Aerobic	Stabilization: Pasteurization
Digestion: Anaerobic	Stabilization: Lime
Dewatering: Vacuum Filter	Stabilization: Polymer
Dewatering: Centrifuge	Stabilization: Other _____
Dewatering: Filter Press	Incineration: Multiple Hearth
Dewatering: Belt Filter	Incineration: Fluidized Bed
Thickening: Gravity	Composting: Static Pile
Thickening: Gravity Belt	Composting: Windrow
Thickening: Dissolved Air Flotation	Composting: In-Vessel
Thickening: Rotary Drum / Screening	Air Dried
Thickening: Centrifuge	Heat/Gas Recovery: Digester Gas
Chemical Conditioning: Polymer	Heat/Gas Recovery: Heat Recovery
Chemical Conditioning: Lime	Transferred for Processing
Chemical Conditioning: Ferric Chloride	
Chemical Conditioning: Alum	
Chemical Conditioning: Other _____	

Odor Control Processes
<u>Odor Control Processes</u>
Wet Scrubbers: Packed Bed
Wet Scrubbers: Mist
Adsorption: Activated Carbon
Adsorption: Other _____
Biological: Bulk Media (e.g., Soil-Bed)
Biological: Bioscrubber
Biological: Biotrickling Filter
Biological: Aeration Basin Disposal
Chemical: Chlorine Gas
Chemical: Hypochlorite
Chemical: Hydrogen Peroxide
Chemical: Caustic/sodium hydroxide
Chemical: Potassium Permanganate
Chemical: Nitrate
Chemical: Ferric/ferrous chloride/sulfate
Chemical: Other _____

Influent / Effluent Data		
Parameter	Avg. Annual Influent (mg/l)	Avg. Annual Effluent (mg/l)
BOD <sub>5</sub>		
CBOD		
Total Suspended Solids		
Ammonia Nitrogen		
Total Phosphorus		
Cadmium		
Total Chromium		
Copper		
Lead		
Mercury		
Nickel		
Selenium		
Silver		
Zinc		

Other Comments Concerning Treatment Plant
Date Completed: _____

**Thank you for your input**  
**Please visit Cleanwater Central™ at [www.cleanwatercentral.org](http://www.cleanwatercentral.org)**

**If you have questions concerning this form, please contact Mark Hoeke at 202-361-7446 or [mhoeke@bluewin.ch](mailto:mhoeke@bluewin.ch)**