NYC H2O

EIN: 45-3860014
Report Generated on: 03/19/2024

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NYC H2O

New York City, NY
www.nych2o.org
(917)656-2984

View GuideStar Profile

MISSION

NYC H2O's mission is to inspire and educate New Yorkers of all ages to learn about, enjoy and protect their city's local water ecology. Through providing public and school programs at historic reservoirs, parklands, watersheds, bays, rivers and wetlands, we encourage diverse citizens to advocate for responsible public policy. Our activities promote science-based knowledge of New York's local ecosystems and of what is needed for urban water resilience in a time when climate change impact continues to escalate.

EIN
45-3860014

RULING YEAR
2012

IRS SUBSECTION
501(c)(3) Public Charity

FOUNDING YEAR
2009

MAIN ADDRESS
410 East 6th Street 21 F
New York, NY
10009

AFFILIATION TYPE
Independent Organization

CONTACT
Mr. Matt Malina, Founder, Executive Director
(917) 656-2984
matt@nych2o.org

FOUNDER, EXECUTIVE DIRECTOR
Matt Malina

BOARD CHAIR
Matt Malina

SUBJECT AREA
Adult education

Environment

Environmental education

NTEE Code
Environmental Education and Outdoor Survival Programs (C60)

Environmental Quality, Protection, and Beautification N.E.C. (C99)

Adult, Continuing Education (B60)

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PROGRAMS

1. Water Ecology & Engineering Field Trips and Virtual Lessons

Population(s) served: Children and youth

2. Advocacy & Sustainability Planning for the Ridgewood Reservoir

Population(s) served: Adults, Economically disadvantaged people

POPULATIONS SERVED

1. Children and youth

2. Adults

3. Economically disadvantaged people

COMPLIANCE

- ✓ IRS Pub 78 Verified as of March 2024
- ✓ IRS BMF 509(a) (1) as of March 12, 2024
- ✗ A-133 Audit Required/Performed?
- ✓ Conflict of Interest Policy
- ✓ Written whistleblower policy

Section 509(a)(1) organization as referred to in Section 170(b)(1)(A)(vi)

TRANSPARENCY MEASURES

- ✓ Board Practices Reported?
- ✓ Diversity Data Reported?
- **8** Number of Independent Board Members

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Programs & Results

PROGRAMS

Source: Self-Reported by Organization, March 2022

Water Ecology & Engineering Field Trips and Virtual Lessons

Population(s) Served:
Children and youth (0-19 years)

NYC H2O's Water Ecology and Engineering Field Trips and Virtual Lessons bring classes to NYC's historic reservoirs and wetlands located in City parks in all five boroughs. We teach students about the environment and complexity of NYC's water system by engaging them in fun educational games and healthy physical activity. We also offer live virtual lessons through our online Hub (nych2ohub.org).

Our overarching goal is to connect New Yorkers to nature by helping them become informed citizens and stewards of New York City's spectacular water system. Our Water Ecology & Engineering Field Trips for school groups are designed to make students and teachers consider how nature, when abetted by sensible human interventions, maintains a clean and reliable source of tap water.

Our target population is NYC public school students grades 2 - 12 in all five boroughs. Our focus is on Title I and Title III schools, with high numbers of children from poorer populations and immigrant families.

Advocacy & Sustainability Planning for the Ridgewood Reservoir

Population(s) Served:
General/Unspecified
Economically disadvantaged, low-income, and poor people

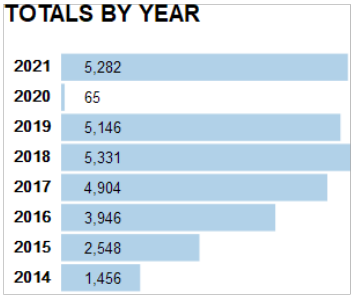
Over the last six years, NYC H2O has been working to address the lack of access and equity in New York City Parks, particularly at the Ridgewood Reservoir in Highland Park. We have become the main advocate for the historic Ridgewood Reservoir by working with a wide range of community groups to advocate for the preservation and use of this unique cultural and ecological treasure. We also use the site — which is located on the Queens/Brooklyn border — for student field trips.

We offer community tours and stewardship events for nearby residents of underserved communities such as East New York to encourage active participation in shaping the future of the Reservoir. Our ultimate goal is to influence the Parks Department to build a nature center at the site. We also train local youth to be nature stewards as guides to lead trips, and are actively cutting invasive reeds that threaten the Reservoir's ecological health.

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RESULTS

Number of students educated through field trips

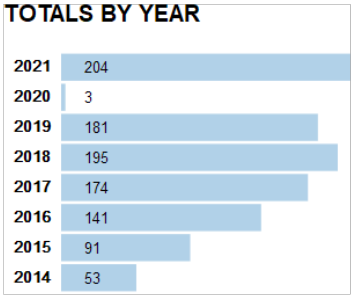


Population(s) Served: Children and youth (0-19 years)

Related program: Water Ecology & Engineering Field Trips and Virtual Lessons

Notes: NYC H2O's interactive field trips and virtual lessons delve into the history, ecology, and engineering of New York City's watersheds and water infrastructure.

Total number of fields trips

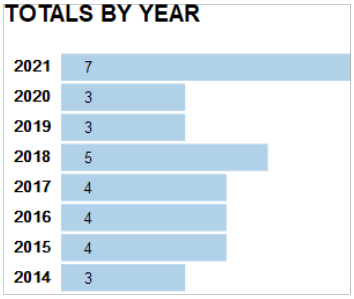


Population(s) Served: Children and youth (0-19 years)

Related program: Water Ecology & Engineering Field Trips and Virtual Lessons

Notes: NYC H2O's interactive field trips and virtual lessons delve into the history, ecology, and engineering of New York City's watersheds and water infrastructure.

Number of public lectures

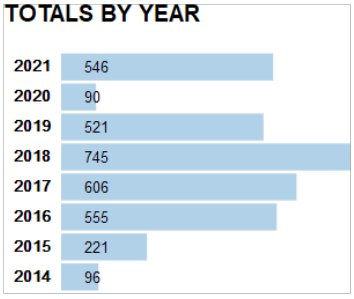


Population(s) Served: General/Unspecified

Related program:

Notes: NYC H2O offers a series of free public lectures with local scientists and historians. These events cover a range of topics related to our urban water system.

Number of attendees at walking and biking tours

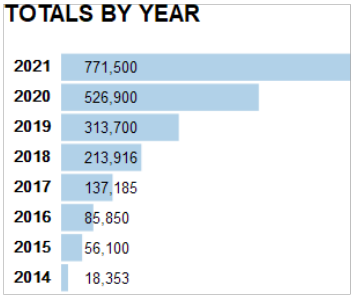


Population(s) Served: General/Unspecified

Related program:

Notes: NYC H2O offers walking and biking tours that illuminate New York's ecology and history, with a focus on the city's historic water supply system and infrastructure.

Total dollars received in contributions



Population(s) Served: No target populations selected

Related program:

Notes: Includes both grants and individual donations

More results from this organization's programs

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CHARTING IMPACT

What is the organization aiming to accomplish?

NYC H2O's Field Trips and Virtual Lessons help to remedy the challenges inherent in teaching urban water ecology and environmental issues: low student engagement in civics, science, and nature as well as limited physical activity for youth in school settings. Our goal is to foster a new generation of concerned, knowledgeable, and active urban environmental advocates and water stewards. As we continue to increase our impact every year, our goal in 2022 is to offer 200 field trips and virtual lessons directly benefitting 5,000 students.

NYC H2O is also working to address the lack of access and equity in New York City Parks, particularly at the Ridgewood Reservoir in Highland Park. Over the last six years, we have led a coalition of community groups to address these issues and have made significant progress in highlighting the importance of preserving this site. One major goal is to work with the Parks Department to build a nature center at the site. In addition, we train local youth to be nature stewards as guides to lead trips.

What are the organization's key strategies for making this happen?

STEM education is a critical resource for lifting children out of poverty. Outdoor education is correlated with social, recreational, developmental, educational and therapeutic benefits for children. NYC H2O's Water Ecology & Engineering Field Trips and Virtual Lessons utilize the power of STEM and outdoor learning to equip children with the necessary tools to succeed in school. Every field trip helps students meet explicit curricular goals set by New York's Department of Education and State Board of Regents. We provide an in-depth experience that facilitates learning about water ecology, ecological succession, and other subjects that students will be tested on.

With our initiative at the Ridgewood Reservoir, our strategy is to work with local community leaders and youth to ultimately build a nature center at the site. This would allow us to bring more local students on field trips and train local youth as nature stewards to lead field trips. The resulting job creation in environmental protection and education would also support the local community's economic well-being.

What are the organization's capabilities for doing this?

NYC H2O has been mobilizing water stewardship since 2009. Our hands-on, interactive approach to environmental education and water advocacy introduces students to historic reservoirs and wetlands located in city parks through engaging activities.

Our “listen first" attitude is apparent in our reservoir tours, which were designed with specific input and insights from NYC teachers. We responded to their key concerns of needing to save public schools both money and time. Paired with free yellow bus transportation offered by the city, our field trips offer an affordable and accessible option for schools across the five boroughs.

Accountability is strongly linked to our organizational values. We solicit feedback from participants before, during, and after all of our programs. This outreach has been a major factor in our speedy organizational growth over the past eight years.

Our programs are hands-on and interactive, regardless of the age of our audience. Knowledge is imparted through active learning and through immediate connections to spectacular environments in which curiosity is encouraged. We have found that adults and children alike are deeply touched by participating in our activities; resulting teacher interest and word of mouth have rapidly expanded the demand for our school tours.

NYC H2O works with an extensive network of experts in engineering, history, geography and city planning. Our partnerships connect us to a vast base of knowledge about the water system and the latest developments in the city's infrastructure, keeping our programs up-to-date. NYC H2O also regularly reaches out to a network of over 2,000 NYC teachers, enabling us to effectively market tours to schools.

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What have and haven't they accomplished so far?

Since 2014, NYC H2O has served 28,000 students citywide at 283 schools. Our STEM education programs continue to provide a scientific and historical understanding of New York City's water cycle and infrastructure. Throughout 2021, we provided 204 field trips and virtual lessons reaching 5,300 students.

To protect and preserve the Ridgewood Reservoir, NYC H2O has been leading a coalition of community groups since 2015. We have advanced the cause or health of Ridgewood in the following ways:

1. Successfully wrote and submitted an application to place the Ridgewood Reservoir on the National Register of Historic Places and received support letters from local elected officials and community stakeholders
2. Successfully advocated to designate the Reservoir as a Critical Environmental Area and Wetland
3. Organize monthly volunteer landscaping events at the reservoir
4. Regularly organize free community tours at the reservoir
5. Curated the "Ridgewood Reservoir for the 21st Century" exhibit at the Queens Museum in 2020 and 2021
6. Cut invasive reeds from the reservoir, preserving its ecological health

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Financials

FISCAL YEAR START: 01/01

FISCAL YEAR END: 12/31

FINANCIALS QUICK VIEW

Surpluses in last 5 years	**4**
Negative Net Assets in past 5 years	**0**

Financial Trends Analysis

Business Model Indicators

Created in Partnership with Nonprofit Finance Fund®

Profitability	2018	2019	2020	2021	2022
Unrestricted surplus (deficit) before depreciation	$13,212	$49,695	-$33,324	$79,680	$102,850
As a % of expenses	5.6%	15.0%	-8.6%	13.8%	14.1%
Unrestricted surplus (deficit) after depreciation	$13,212	$49,439	-$34,535	$77,154	$97,480
As a % of expenses	5.6%	14.9%	-8.9%	13.3%	13.3%
Revenue Composition					
Total revenue (unrestricted & restricted)	$251,960	$380,380	$352,529	$653,567	$835,917
Total revenue, % change over prior year	0.0%	51.0%	-7.3%	85.4%	27.9%
Program services revenue	15.0%	8.7%	0.8%	0.9%	0.8%
Membership dues	0.0%	0.0%	0.0%	0.0%	0.0%
Investment income	0.0%	0.0%	0.0%	0.0%	0.0%
Government grants	69.6%	36.0%	59.8%	61.2%	67.8%
All other grants and contributions	15.4%	55.2%	39.3%	37.9%	31.2%
Other revenue	0.0%	0.1%	0.1%	0.0%	0.2%
Expense Composition					
Total expenses before depreciation	$237,267	$332,077	$385,845	$576,957	$729,976
Total expenses, % change over prior year	0.0%	40.0%	16.2%	49.5%	26.5%
Personnel	73.1%	48.3%	71.0%	73.5%	80.0%
Professional Fees	23.6%	2.7%	2.6%	4.0%	3.2%
Occupancy	0.0%	0.0%	3.5%	2.3%	0.3%
Interest	0.0%	0.0%	0.0%	0.0%	0.0%
Pass-Through	0.0%	0.0%	0.0%	0.0%	0.0%
All other expenses	3.3%	49.0%	22.9%	20.1%	16.5%

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Financial Trends Analysis, continued

Moving Toward Full Cost Coverage

Full Cost Components (estimated)	2018	2019	2020	2021	2022
Total Expenses (after depreciation)	$237,267	$332,333	$387,056	$579,483	$735,346
One Month of Savings	$19,772	$27,673	$32,154	$48,080	$60,831
Debt Principal Repayment	$0	$0	$0	$0	$0
Fixed Asset Additions	$0	$7,154	$4,843	$10,033	$21,119
Total Full Costs (estimated)	$257,039	$367,160	$424,053	$637,596	$817,296

Capital Structure Indicators

Liquidity					
Months of cash	1.2	2.7	2.0	1.8	3.1
Months of cash and investments	1.6	2.7	2.0	2.2	3.1
Months of estimated liquid unrestricted net assets	1.6	2.7	1.1	2.2	3.1
Balance Sheet Composition					
Cash	$22,806	$73,734	$65,098	$88,123	$186,021
Investments	$8,690	$303	$229	$17,394	$0
Receivables	$0	$0	$0	$0	$0
Gross land, buildings, and equipment (LBE)	$0	$7,154	$11,997	$22,030	$43,149
Accumulated depreciation (% of LBE)	0.0%	3.6%	12.2%	18.1%	21.7%
Liabilities (as % of assets)	0.0%	0.0%	39.0%	0.0%	0.1%
Unrestricted net assets	$31,496	$80,935	$46,400	$123,554	$221,034
Temporarily restricted net assets	$0	N/A	N/A	N/A	N/A
Permanently restricted net assets	$0	N/A	N/A	N/A	N/A
Total restricted net assets	$0	$0	$0	$0	$0
Total net assets	$31,496	$80,935	$46,400	$123,554	$221,034

Key Data Checks

Material Data Errors	2018	2019	2020	2021	2022
	No	No	No	No	No

Note: This issue is relevant to a small number of organizations: The nonprofit subject(s) of this report may have affiliates. The Form 990 data may not include information about any or all potential affiliates. If an organization does have affiliates and these affiliates have substantial financial activity, the financial data in this report may not present a comprehensive picture of the nonprofit's financial condition.Please consult the 990s of any potentially related affiliates for additional information.

- Formulas for key metrics
- 'Key Revenue & Expense Data from Form 990'
- 'Key Balance Sheet Data from Form 990'

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Operations

Source: Self-Reported by Organization, March 2022

FOUNDER, EXECUTIVE DIRECTOR

Mr. Matt Malina

LinkedIn profile

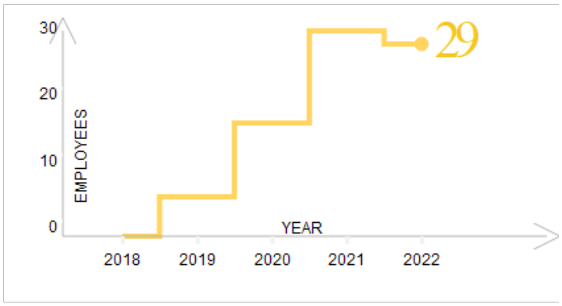
Matthew Malina founded NYC H2O in 2009. As Executive Director of NYC H2O, he initiated its tour, lecture, field trip and beach cleanup programs.

Malina is a native New Yorker and studied engineering at the University of Virginia, graduating with a Bachelor's and Master's in Applied Math. He was a public school math teacher and since 2006, a math tutor. Malina is a founding member of InTandem, a tandem cycling program that enables blind athletes to ride by pairing them with sighted athletes. He served as its Operations Manager for 3 years.

Under Malina's leadership, NYC H2O has attracted experts in engineering, city planning, natural sciences, and public health as well as hundreds of volunteers to participate in a wealth of water-related experiential, activist and educational events from reservoir walking and paddle tours, public lectures on infrastructure and water conservation, sewage plant tours, and beach cleanups.

NUMBER OF EMPLOYEES

Source: IRS Form 990



BOARD CHAIR

Matt Malina

NYC H2O

Term: **2012 -**

BOARD MEMBERS

Chad Berkowitz
USAID

Damian Griffin
Bedford Park Elementary School

Kimberly Worsham
Safe Water Network

Mitchell Goldstein
Skanska

Arcilia Derenzo
PS 249

Peter Frishauf

Froma Harrop
CNN Opinion

Melinda Alfano
Northstar Recycling

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OFFICERS, DIRECTORS, TRUSTEES, AND KEY EMPLOYEES

FISCAL YEAR 2022

Name	Title	Compensation	Other	Related
Matthew Malina	EXECUTIVE DIRECTOR	$123,744	$0	$0
Peter Frishauf	BOARD PRESIDENT	$0	$0	$0
Arcilia Derenzo	DIRECTOR	$0	$0	$0
Froma Harrop	DIRECTOR	$0	$0	$0
Damian Griffin	TREASURER	$0	$0	$0
Mitch Goldstein	ADVISOR	$0	$0	$0
Chad Berkowitz	SECRETARY	$0	$0	$0
Elissa Sampson	DIRECTOR	$0	$0	$0

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OFFICERS, DIRECTORS, TRUSTEES, AND KEY EMPLOYEES

FISCAL YEAR 2021

Name	Title	Compensation	Other	Related
Matthew Malina	EXECUTIVE DIRECTOR	$66,912	$0	$0
Peter Frishauf	BOARD PRESIDENT	$0	$0	$0
Arcilia Derenzo	DIRECTOR	$0	$0	$0
Froma Harrop	DIRECTOR	$0	$0	$0
Damian Griffin	TREASURER	$0	$0	$0
Mitch Goldstein	ADVISOR	$0	$0	$0
Chad Berkowitz	SECRETARY	$0	$0	$0
Elissa Sampson	DIRECTOR	$0	$0	$0

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OFFICERS, DIRECTORS, TRUSTEES, AND KEY EMPLOYEES

FISCAL YEAR 2020

Name	Title	Compensation	Other	Related
Matthew Malina	EXECUTIVE DIRECTOR	$61,000	$0	$0
Peter Frishauf	BOARD PRESIDENT	$0	$0	$0
Arcilia Derenzo	DIRECTOR	$0	$0	$0
Froma Harrop	DIRECTOR	$0	$0	$0
Damian Griffin	TREASURER	$0	$0	$0
Mitch Goldstein	ADVISOR	$0	$0	$0
Chad Berkowitz	SECRETARY	$0	$0	$0
Melinda Alfano	DIRECTOR	$0	$0	$0

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OFFICERS, DIRECTORS, TRUSTEES, AND KEY EMPLOYEES

FISCAL YEAR 2019

Name	Title	Compensation	Other	Related
Matthew Malina	DIRECTOR	$60,000	$0	$0
Peter Frishauf	BOARD PRESIDENT	$0	$0	$0
Arcilia Derenzo	DIRECTOR	$0	$0	$0
Froma Harrop	DIRECTOR	$0	$0	$0
Damian Griffin	TREASURER	$0	$0	$0
Mitch Goldstein	ADVISOR	$0	$0	$0
Chad Berkowitz	SECRETARY	$0	$0	$0

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OFFICERS, DIRECTORS, TRUSTEES, AND KEY EMPLOYEES

FISCAL YEAR 2018

Name	Title	Compensation	Other	Related
Damian Griffin	Treasurer	$0	$0	$0
Chad Berkowitz	Secretary	$0	$0	$0
Froma Harrop	Director	$0	$0	$0
Mitch Goldstein	Advisor	$0	$0	$0
Peter Frishauf	Board President	$0	$0	$0
Arcilia Derenzo	Director	$0	$0	$0

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HIGHEST PAID EMPLOYEES

FISCAL YEAR 2018

Name	Title	Compensation	Other	Related
Matthew Malina	Director	$60,000	$0	$0

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Paid Preparers

FISCAL YEAR 2022

Firm Name	Firm EIN	Firm Address	Firm Phone
TOBIN & COMPANY CPA'S	133632313	2500 WESTCHESTER AVENUE, PURCHASE NY 10577	9148332200

Paid Preparers

FISCAL YEAR 2021

Firm Name	Firm EIN	Firm Address	Firm Phone
TOBIN & COMPANY CPA'S	133632313	2500 WESTCHESTER AVENUE, PURCHASE NY 10577	9148332200

Paid Preparers

FISCAL YEAR 2020

Firm Name	Firm EIN	Firm Address	Firm Phone
TOBIN & COMPANY CPA'S	13-3632313	2500 WESTCHESTER AVENUE, PURCHASE NY 10577 USA	914-833-2200

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BOARD LEADERSHIP PRACTICES

GuideStar worked with BoardSource, the national leader in nonprofit board leadership and governance, to create this section, which enables organizations and donors to transparently share information about essential board leadership practices.

BOARD ORIENTATION & EDUCATION

Does the board conduct a formal orientation for new board members and require all board members to sign a written agreement regarding their roles, responsibilities, and expectations?

No

CEO OVERSIGHT

Has the board conducted a formal, written assessment of the chief executive within the past year?

No

ETHICS & TRANSPARENCY

Have the board and senior staff reviewed the conflict-of-interest policy and completed and signed disclosure statements in the past year?

Yes

BOARD COMPOSITION

Does the board ensure an inclusive board member recruitment process that results in diversity of thought and leadership?

Yes

BOARD PERFORMANCE

Has the board conducted a formal, written self-assessment of its performance within the past three years?

Yes

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Organizational Demographics

Who works and leads organizations that serve our diverse communities? This organization has voluntarily shared information to answer this important question and to support sector-wide learning. GuideStar partnered on this section with CHANGE Philanthropy and Equity in the Center.

Leadership

The organization's leader identifies as:

Race & Ethnicity	White/Caucasian/European
Gender Identity	Male, Not transgender
Sexual Orientation	Decline to state
Disability Status	Decline to state

Race & Ethnicity

No data

Gender Identity

Transgender Identity

No data

Sexual Orientation

No data

Disability

No data.

We do not display staff or senior staff disability information for organizations with fewer than 15 staff.

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Appendix

Key Documents

IRS Forms 990	2022 990 2021 990 2020 990 2019 990 2018 990
IRS Forms 990T	Not Available
Audited Financial Statements	2020 Audited Financial Statement 2019 Audited Financial Statement
Key Organization Documents	Letter of Determination 'Key Revenue & Expense Data from Form 990' 'Key Balance Sheet Data from Form 990'

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Candid.

GuideStar Charity Check

Generated on March 19, 2024

NYC H2O

410 East 6th Street 21 F
New York, NY 10009

- ✓ Foundation Status Code: PC*
- ✓ Public charity described in section 509(a)(1) or (2)

IRS Publication 78 Details

IRS Pub 78 verified

Organization name	Location	Most recent IRS Publication 78
New York City H2o	New York, NY	March 2024
EIN	Deductibility status description	Verified with most recent Internal Revenue Bulletin
45-3860014	A public charity (50% deductibility limitation).	March 18, 2024

IRS Business Master File Details

IRS BMF 509(a)(1)

Organization name	Most recent IRS BMF	Reason for Non-Private Foundation Status
NEW YORK CITY H2O	March 12 2024	Section 509(a)(1) organization as referred to in Section 170(b)(1)(A)(vi)
EIN	IRS subsection	Ruling date
45-3860014	This organization is a 501(c)(3) Public Charity	05/2012

This organization was not included in the Office of Foreign Assets Control Specially Designated Nationals (SDN) list.

On September 8, 2011, the IRS issued regulations which eliminated the advance ruling process for a section 501(c)(3) organization. Learn more

* The Foundation Status Code is the code that foundations are required to provide for each grantee annually on part XV of Form 990PF. Note that this code cannot be derived in some cases (e.g., supporting organizations for which 'type' can't be determined).

IRS Revenue Procedure 2011-33 allows grantors to rely on third-party resources, such as GuideStar Charity Check, to obtain required Business Master File (BMF) data concerning a potential grantee's public charity classification under section 509 (a) (1), (2) or (3).

GuideStar Charity Check Data Sources

-GuideStar acquires all IRS data directly from the Internal Revenue Service.

-IRS Publication 78 (Cumulative List of Organizations) lists organizations that have been recognized by the Internal Revenue Service as eligible to receive tax-deductible contributions.

-The IRS Internal Revenue Bulletin (IRB) lists changes in charitable status since the last Publication 78 release. Between the release of IRS Publication 78 and the subsequent IRS Internal Revenue Bulletin, the IRB date will reflect the most recent release date of IRS Publication 78.

-The IRS Business Master File lists approximately 1.7 million nonprofits registered with the IRS as tax-exempt organizations.

-The IRS Automatic Revocation of Exemption List contains organizations that have had their federal tax-exempt status automatically revoked for failing to file an annual return or notice with the IRS for three consecutive years.

-The Foundation Status Code is a value derived by mapping the codes found on the 990PF filing instructions to the corresponding codes in the IRS BMF. Note that not all codes are able to be mapped due to insufficient data.

-The Office of Foreign Assets Control (OFAC) Specially Designated Nationals (SDN) list organizations that are owned or controlled by targeted individuals, groups, and entities, such as terrorists or narcotics traffickers.Their assets are blocked and U.S. persons are generally prohibited from dealing with them.

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