## Year 7 Annual Report Massachusetts Small MS4 General Permit

Reporting Period: July 1, 2024-June 30, 2025

\*\*Please DO NOT attach any documents to this form. Instead, attach all requested documents to an email when submitting the form. Also ensure any websites included on this form are to publicly accessible sites\*\*

Unless otherwise noted, all fields are required to be filled out. If a field is left blank, it will be assumed the requirement or task has not been completed. Please ONLY report on activities between July 1, 2024 and June 30, 2025 unless otherwise requested.

## **Part I: Contact Information**

Name of Municipality or Organization: Town of Wrei	ntham				
EPA NPDES Permit Number: MAR041175					
Primary MS4 Program Manager Contact Informa	ation				
Name: Brian Antonioli	Title: Director, Department of Public Works				
Street Address Line 1: 360 Taunton Street					
Street Address Line 2: PO Box 658					
City: Wrentham State: MA	Zip Code: 02093				
Email: bantonioli@wrentham.gov	Phone Number: (508) 384-5477				
Stormwater Management Program (SWMP) Info	rmation				
SWMP Location (publicly available web address): m	ttps://www.wrentham.gov/DocumentCenter/View/131/Stor water-Management-Plan-for-MS4-Permit-Compliance-P PF?bidId=				
Date SWMP was Last Updated: 2019-06-30					
If the SWMP is not available on the web please provi	ide the physical address:				
N/A					

## Part II: Self-Assessment

First, in the box below, select the impairment(s) and/or TMDL(s) that are applicable to your MS4. Make sure you are referring to the most recent EPA approved Section 303(d) Impaired Waters List which can be found here:

Impairment(	(s)			
	☐ Bacteria/Pathogens	☐ Chloride	✓ Nitrogen	<b>✓</b> Phosphorus
	☐ Solids/ Oil/ Grease (Hy	drocarbons)/ Metals	•	— 1
TMDL(s)			1.0.4	
In State:	☐ Assabet River Phospho		ria and Pathogen	☐ Cape Cod Nitrogen
	✓ Charles River Watersh	ed Phosphorus	☐ Lake and Pond	Phosphorus
Out of State:	☐ Bacteria/Pathogens	☐ Metals	☐ Nitrogen	☐ Phosphorus
			Cle	ear Impairments and TMDLs
you have com	ff all requirements below the specific point of the permit requirent dditional information will be	<b>nent fully.</b> If you hav	ve not completed a re	ch box you are certifying that equirement leave the box
Year 7 Requir	rements			
☐ Compl	leted catchment investigatio	ns associated with P	roblem Outfalls	
1 1 -	leted catchment investigation ted sewer input	ns where informatio	n gathered on the out	fall/interconnection
Annual Requi	irements			
✓ Provid with S	led an opportunity for public tate Public Notice requirement	e participation in revents	iew and implementat	ion of SWMP and complied
✓ Kept re	ecords relating to the permit	available for 5 year	s and made available	to the public
The SS implem	SO inventory has been upda mented	ted, including the sta	atus of mitigation and	l corrective measures
•	O This is not applicable b	ecause we do not ha	ave sanitary sewer	
	• This is not applicable b		•	
	O The updated SSO inver	ntory is attached to t	he email submission	
	O The updated SSO inver	ntory can be found a	t the following publi	cly available website:
☐ Update	ed system map due in year 1	0 with information	from completed catch	nment investigations
<b>✓</b> Provid	led training to employees in	volved in IDDE prog	gram within the repor	ting period
<b>V</b>	ly stored and disposed of caing waters	tch basin cleanings	and street sweepings	so they did not discharge to

Town of Wrentham Page All curbed roadways were swept at least once within the reporting period Enclosed all road salt storage piles or facilities and implemented winter road maintenance procedures to minimize the use of road salt Implemented SWPPs for all permittee owned or operated maintenance garages, public works yards, transfer stations, and other waste handling facilities ✓ Updated inventory of all permittee owned facilities as necessary O&M programs for all permittee owned facilities have been completed and updated as necessary Implemented all maintenance procedures for permittee owned facilities in accordance with O&M programs ✓ Implemented program for MS4 infrastructure maintenance to reduce the discharge of pollutants ✓ Inspected all permittee owned treatment structures (excluding catch basins) Optional: If you would like to describe progress made on any incomplete requirements listed above or provide any additional details, please use the box below: Winter road maintenance procedures include calibrating equipment, training operators, and using brine as pre-treatment. The Operation and Maintenance of Buildings and Facilities SOP was completed in Year 4 and has been implemented. The remaining O&M procedures for Vehicles and Equipment and Open Space Operations and Maintenance are still being drafted. The Town DPW conducts informal inspections of the retention basins along Madison St. and the bioretention area at Sweatt Beach but no forms or paperwork are filled out during these inspections. The Recreation Department maintains the bioretention area at Sweatt Beach, weed whacking and cutting the vegetation in the fall. The DPW helps with the cleaning of Sweatt Beach bioretention as necessary. Additional BMP inspections are conducted as needed. **Nitrogen** (Combination of Impaired Waters Requirements and TMDL Requirements as Applicable) **Annual Requirements** Public Education and Outreach\* Distributed an annual message in the spring (April/May) that encourages the proper use and disposal of grass clippings and encourages the proper use of slow-release fertilizers Distributed an annual message in the summer (June/July) encouraging the proper management of pet waste, including noting any existing ordinances where appropriate Distributed an annual message in the fall (August/September/October) encouraging the proper disposal of leaf litter \* Public education messages can be combined with other public education requirements as applicable (see Appendix F and H for more information) Good Housekeeping and Pollution Prevention for Permittee Owned Operations Increased street sweeping frequency of all municipal owned streets and parking lots subject to Permit part 2.3.7.a.iii.(c) to a minimum of two times per year (spring and fall) Structural BMPs Installed a structural BMP as a demonstration project within the drainage area of the water quality limited water or its tributaries. The type of BMP installed is (e.g. biofiltration):

Pervious asphalt at the Center School parking lot

	Any structural BMPs listed in Attachment 3 to Appendix F already existing or installed in the regulated area by the permittee or its agents was tracked and the nitrogen removal by the BMP was estimated consistent with Attachment 3 to Appendix F. The BMP type, total area treated by the BMP, the design storage volume of the BMP, and the estimated nitrogen removed in mass per year by the BMP were documented.
	No BMPs were installed
	O The above referenced BMP information is attached to the email submission
	The above referenced BMP information can be found at the following publicly available website:
	Total estimated nitrogen removed in lbs/year from the installed BMPs: $\theta$
_	al: If you would like to describe progress made on any incomplete requirements listed above or provide ditional details, please use the box below:
Annua Pi	norus (Combination of Impaired Waters Requirements and TMDL Requirements as Applicable)  Requirements  Ablic Education and Outreach*  Distributed an annual message in the spring (April/May) encouraging the proper use and disposal of
V	grass clippings and encouraging the proper use of slow-release and phosphorus-free fertilizers  Distributed an annual message in the summer (June/July) encouraging the proper management of pet
<b>✓</b>	waste, including noting any existing ordinances where appropriate
<b>✓</b>	Distributed an annual message in the fall (August/September/October) encouraging the proper disposal of leaf litter
	Public education messages can be combined with other public education requirements as applicable (see pendix H and F for more information)
	od Housekeeping and Pollution Prevention for Permittee Owned Operations Increased street sweeping frequency of all municipal owned streets and parking lots subject to Permit part 2.3.7.a.iii.(c) to a minimum of two times per year (spring and fall)
Str	uctural BMPs
	Installed a structural BMP as a demonstration project within the drainage area of the water quality limited water or its tributaries. The type of BMP installed is ( <i>e.g. biofiltration</i> ):
	Pervious asphalt at the Center School parking lot
	Any structural BMPs already existing or installed in the regulated area by the permittee or its agents was tracked and the phosphorus removal by the BMP was estimated consistent with Attachment 3 to Appendix F. The BMP type, total area treated by the BMP, the design storage volume of the BMP, and the estimated phosphorus removed in mass per year by the BMP were documented.
	No BMPs were installed
	The above referenced RMP information is attached to the email submission

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C	The above referenced BMP information can be found at the followebsite:	wing publicly available
	Total estimated phosphorus removed in <b>lbs/year</b> from the installe	d BMPs:
-	would like to describe progress made on any incomplete requirem etails, please use the box below:	ents listed above or provide
Eleven (11) concengineering deta for Year 8, if fun incorporate GSI GSI practices a sought additional Infrastructure M Program, the To	teted a Green Infrastructure Master Plan in 2023 as part of a FY2. The tept-level designs were created to support future implementation poils. The Town is planning to put drainage in a filtration system on ding allows. Also, a new school will be constructed at the Roderical practices to meet MS4 requirements for redevelopment projects, and all formal in development and redevelopment projects moving for all funding through the MVP program for further design of BMPs in a faster Plan but did not receive funding. Due to recent changes in elevation of the second independently pursue future MVP Action Grants and is in a funding avenues for green infrastructure/retrofit opportunition.	rojects, including standard Route 140 by Lake Archer k School location that will naking the incorporation of ward. In Year 6, the Town lentified in the Green in the process of
In Fall 2023, the in the parking an	e Town completed a redesign of the Center School parking lot, with eas.	n pervious asphalt installed
Below, calculate components (labo the equation prov B	aseline phosphorus export rate from PCP Area, as identified in	
T ir	ppendix F (lbs/year) [A]: otal phosphorus reduction from all nonstructural controls nplemented this reporting period (lbs/year) [B]:	0
re	otal phosphorus reduction from all structural controls installed this porting period and all previous years (lbs/year) [C]: hosphorus load increase due to development incurred since 2005	0
	a lbs/year [D]: rus export rate from the PCP Area in lbs/year [=A-(B+C)+D	0
I certify u claimed fo □ with man	nder penalty of law that all source control and treatment Best Man or phosphorus reduction credit have been inspected, maintained an afacturer or design specification. I certify that, to the best of my kn ent Practices being claimed for a phosphorus reduction credit are processed in the processed of the process	d repaired in accordance owledge, all Best
1 1	ipally owned and maintained turf grass areas are being managed in setts Regulation 331 CMR 31 pertaining to proper use of fertilizer	
	ted all nonstructural control measures during this reporting perion and their phosphorus reduction. The nonstructural control measure	
	is attached to the email submission	

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O can be found at the following publicly available website:	
Documented the structural control measures implemented during <b>this reporting per previous years</b> , including location, phosphorus reduction in mass/year, and date of maintenance and inspection for each control. The structural control measure information	last completed
O is not applicable; no structural control measures were implemented	
<ul><li>is attached to the email submission</li><li>can be found at the following publicly available website:</li></ul>	
Optional: If you would like to describe progress made on any incomplete requirements list any additional details, please use the box below:	ted above or provide
The Town intends to complete the Charles River Watershed Phosphorus Control Plan as to allow.	ime and funding
NON-TRADITIONAL AND TRANSPORTATION MS4s ONLY- municipalities please.  Describe the planned phosphorus reduction activities on site and coordination progress wit municipality:	•
Optional: Use the box below to provide any additional information you would like to share self-assessment:	e as part of your
The Town intends to complete the Nitrogen Source ID report as time and budget allow. The sweeps streets around Lake Pearl and Mirror Lake twice per year, and the streets around times per year.	•

Have you made any changes to your lists of receiving waters, outfalls, or impairments since the NOI was

# Part III: Receiving Waters/Impaired Waters/TMDL

submitted?	
	• Yes
	○ No
If yes, desc	ribe below, including any relevant impairments or TMDLs:
Biological . List of Wate	iver (MA72-09) was incorrectly listed as impaired for E.coli, Organic Enrichment (sewage) Indicators, and water temperature on the NOI. The correct impairments from the latest Integrated ers for the Stop River (MA72-09) are Ambient Bioassays (Chronic Aquatic Toxicity), Dissolved ad Total Phosphorus.

## **Part IV: Minimum Control Measures**

Please fill out all of the metrics below. If applicable, include in the description who completed the task if completed by a third party.

## MCM1: Public Education

Number of educational messages completed **during this reporting period**: 4.00000000

Below, report on the educational messages completed **during this reporting period**. For the measurable goal(s) please describe the method/measures used to assess the overall effectiveness of the educational program.

BMP: Think Blue R Message Description		
A flyer describing th renewal.	e negative e <u>j</u>	fects of pet waste on water quality will be distributed with each dog license
Targeted Audience:	Residents	
Responsible Departn	nent/Parties:	Town Clerk
Measurable Goal(s):		
		asured as number of dog licenses renewed (2,313 during Year 7). Dog website and the second page of the application document is the Pet Waste
Message Date(s): An	nually in the	e winter
		ediment Control Flvers
Message Description		ution Method:  e of erosion controls for construction will be distributed with every approved
construction permit.	e importance	e of erosion controls for construction will be distributed with every approved
Targeted Audience:	Developers	(construction)
Responsible Departn	nent/Parties:	Planning and Community Development
Measurable Goal(s):		
The number of flyers	distributed	is measured as the number of construction permits issued per year.
Message Date(s): ==		

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Message Completed for: Appendix F Requirements ✓ Appendix H Requirements ✓	
Was this message different than what was proposed in your NOI? Yes O No O	
If yes, describe why the change was made:	
Add an Educational Message	
MCM2: Public Participation	
Describe the opportunity provided for public involvement in the development of the Stormwater Ma Program (SWMP) <b>during this reporting period</b> :	nagement
The SWMP is posted on the Town website and an email address is provided below the link where the can submit comments and questions regarding the SWMP.	e public
Was this opportunity different than what was proposed in your NOI? Yes ○ No ⊙	
Describe any other public involvement or participation opportunities conducted during this reporti	ng period:
Volunteers helped with both spring and fall cleanup events, to pick up roadside trash. About 20 road completed and the Department of Public Works disposed of the trash. The Town also recommends a in Sutton, Massachusetts, for residents to properly dispose of hazardous waste on the Town's websit	company
MCM3: Illicit Discharge Detection and Elimination (IDDE)  Sanitary Sewer Overflows (SSOs) Check off the box below if the statement is true.  This SSO section is NOT applicable because we DO NOT have sanitary sewer	
Below, report on the number of SSOs identified in the MS4 system and removed during this reporting	g period.
Number of SSOs identified: 0	
Number of SSOs removed: $0$	

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MS4 System Mapping	
Percent of Phase II map complete: 0	
Optional: Provide additional status information regarding your map:	
Screening of Outfalls/Interconnections	
If conducted, please submit any outfall monitoring results from this reporting period. Outfall should include the date, outfall/interconnection identifier, location, weather conditions at time precipitation in previous 48 hours, field screening parameter results, and results from all and include the updated inventory and ranking of outfalls/interconnections based on monitoring to	ne of sampling, alyses. Please also
No outfalls were inspected	
O The above referenced outfall screening data is attached to the email submission	
The above referenced outfall screening data can be found at the following pulwebsite:	blicly available
Below, report on the number of outfalls/interconnections screened during this reporting periods.	iod.
Number of outfalls screened: $0$	
Below, report on the percent of outfalls/interconnections screened to date.	
Percent of outfalls screened: 100.0000	
Optional: Provide additional information regarding your outfall/interconnection screening:	
Outfall screening was completed in Year 3.	
Catchment Investigations  He and the data and the second state of the seco	
If conducted, please submit all data collected during this reporting period as part of the dry of investigations. Also include the presence or absence of System Vulnerability Factors for each   • No catchment investigations were conducted	
O The catchment investigation data is attached to the email submission	
O The catchment investigation data can be found at the following publicly avail	able website:
Below, report on the number of catchment investigations completed during this reporting pe	riod.
Number of catchment investigations completed this reporting period: $0$	
Below, report on the percent of catchments investigated to date.	
Percent of total catchments investigated: $0$	

Optional: Provide any additional information for clarity regarding the catchment investigations below:

#### **IDDE Progress**

If illicit discharges were found, please submit a document describing work conducted over this reporting
period, and cumulative to date, including location source; description of the discharge; method of discovery;
date of discovery; and date of elimination, mitigation, or enforcement OR planned corrective measures and
schedule of removal.

$\odot$	No illicit discharges were found
0	The illicit discharge removal report is attached to the email submission
0	The illicit discharge removal report can be found at the following publicly available website:

Below, report on the number of illicit discharges identified and removed, along with the volume of sewage removed during this reporting period.

Number of illicit discharges identified: 0

Number of illicit discharges removed: 0

Estimated volume of sewage removed:  $\theta$  gallons/day

Below, report on the total number of illicit discharges identified and removed to date. At a minimum, report on the number of illicit discharges identified and removed since the effective date of the permit (July 1, 2018).

Total number of illicit discharges identified: 1.00000000

Total number of illicit discharges removed: 1.00000000

*Optional:* Provide any additional information for clarity regarding illicit discharges identified, removed, or planned to be removed below:

To date, the only concern of a potential illicit discharge occurred in the Spring Road area and was brought to the attention of the Town. The Town investigated the area and determined the source of the flow was a backed up catch basin.

#### **Employee Training**

Describe the frequency and type of employee training conducted during this reporting period:

The Department of Public Works employees receive IDDE training on an ongoing, as-needed basis throughout the permit year.

#### MCM4: Construction Site Stormwater Runoff Control

Below, report on the construction site plan reviews, inspections, and enforcement actions completed during this reporting period.

Number of site plan reviews completed: 34.0000000

Number of inspections completed: 65.000000000

Number of enforcement actions taken:  $\theta$ 

# MCM5: Post-Construction Stormwater Management in New Development and Redevelopment

#### **As-built Drawings**

Below, report on the number of as-built drawings received during this reporting period.

Number of as-built drawings received: 26.000000

Optional: Enter any additional information relevant to the submission of as-built drawings:

https://wrentham.gov/DocumentCenter/View/3370/Wrentham-Stormwater-Regulations-AMENDED-12-04-202

#### **Street Design and Parking Lots Report**

Below, describe any changes made or planned to be made to local regulations and guidelines based on the report completed in Year 4:

The	Town	anticipates	s to co	mplete i	the Stree	t Design	and	Parking	Lots	Report (	as time	and f	<sup>f</sup> unding	allow.

#### **Green Infrastructure Report**

Below, describe progress towards making green infrastructure practices allowable based on the report completed in Year 4:

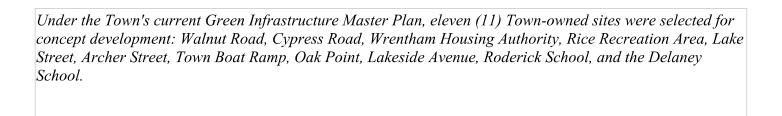
The Town completed a Green Infrastructure Master Plan under a FY22 MVP Action Grant. Eleven (11) concept-level designs were created to support future implementation projects, including standard engineering details. The Town will pursue green infrastructure/retrofit opportunities as timing and funding allow. The Town has updated their stormwater bylaw and regulations to be consistent with MS4 regulations and incorporate GSI practices as a focal point in development and redevelopment projects.

The Master Plan is available here:

https://www.wrentham.gov/DocumentCenter/View/139/Green-Infrastructure-Master-Plan-PDF?bidId=

#### **Retrofit Properties Inventory**

Below, list remaining permittee-owned properties that could be modified or retrofitted with BMPs to mitigate impervious areas (must maintain a minimum of 5 sites in inventory until less than 5 sites remain):



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Below, list all properties that have been modified or retrofitted with BMPs to mitigate impervious area that were inventoried as part of 2.3.6.d of the permit and the type of BMP(s) implemented. Non-MS4 owned properties that have been modified or retrofitted with BMPs to mitigate impervious area may also be listed, but must be indicated as non-MS4.

No properties were modified or retrofitted during this reporting period.					

### MCM6: Good Housekeeping

#### **Catch Basin Cleaning**

Town of Wrentham

Below, report on the number of catch basins inspected and cleaned, along with the total volume of material removed from the catch basins during this reporting period.

Number of catch basins inspected: 1636.00000

Number of catch basins cleaned: 1636.000000

Total volume or mass of material removed from all catch basins: 92.24000000 tons

Below, report on the total number of catch basins in the MS4 system.

Total number of catch basins: 1400.00000

#### If applicable:

Report on the actions taken if a catch basin sump is more than 50% full during two consecutive routine inspections/cleaning events:

The number of catch basins cleaned and inspected reflects catch basins both inside and outside the regulated area. The Town has contracted the inspection and cleaning of approximately 1,400 catch basins during this reporting period. For any catch basins that are greater than 50% full during two consecutive routine inspections or cleanings, the findings are documented, the contributing drainage area will be investigated for sources of excessive sediment loading, and to the extent practicable, contributing sources will be addressed.

#### **Street Sweeping**

Report on street sweeping completed during this reporting period using one of the three metrics below.

• Number of miles cleaned: 200	0.00000000		
O Volume of material removed:		[Select Units]	
O Weight of material removed:		[Select Units]	
Stormwater Pollution Prevention Plan (SW	PPP)		
Below, report on the number of site inspection reporting period.	s for facilities th	at require a SWPPP	completed <b>during this</b>
Number of site inspections con	npleted: 0		
Describe any corrective actions taken at a faci	lity with a SWP	PP:	
Formal SWPPP inspections were not conduct facility.			portable spills at the DPW
Add  Monitoring or Study Results  Results from any other stormwater or receiving reporting period not otherwise mentioned abord permit effectiveness must be attached.   Not applicable  The results from additional reporting mediate from additional reporting period not otherwise mentioned abord permit effectiveness must be attached.  The results from additional reporting mediate	oorts or studies a	nonitoring or studies ta is being used to inf re attached to the ema	form permit compliance or
If such monitoring or studies were conducted entities were reported to you, a brief description			
described below:			
Additional Information  Enter any additional information relevant to y reporting period. Include any BMP modification			

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Around Lake Archer, the Town conducts street sweeping up to four (4) times a year, in addition to all road					
Town once per year. Other high target areas are swept two times per year, based on need.					

#### Year 8

#### **Activities Planned for Next Reporting Period**

Please confirm that your SWMP has been, or will be, updated to comply with all applicable permit requirements including but not limited to the year 8 requirements summarized below. (Note: impaired waters and TMDL requirements are not listed below)

Yes, I agree✓

#### **Annual Requirements**

- Annual report submitted and available to the public
- Annual opportunity for public participation in review and implementation of SWMP
- Keep records relating to the permit available for 5 years and make available to the public
- Properly store and dispose of catch basin cleanings and street sweepings so they do not discharge to receiving waters
- Annual training to employees involved in IDDE program
- Update inventory of all known locations where SSOs have discharged to the MS4
- Continue public education and outreach program
- Update outfall and interconnection inventory and priority ranking and include data collected in connection with the dry weather screening and other relevant inspections conducted
- Implement IDDE program
- Review site plans of construction sites as part of the construction stormwater runoff control program
- Conduct site inspection of construction sites as necessary
- Inspect and maintain stormwater treatment structures
- Log catch basins cleaned or inspected
- Sweep all curbed streets at least annually
- Continue investigations of catchments associated with Problem Outfalls
- Implemented SWPPPs for all permittee owned or operated maintenance garages, public works yards, transfer stations, and other waste handling facilities
- Review inventory of all permittee owned facilities in the categories of parks and open space, buildings

and facilities, and vehicles and equipment; update if necessary

- Review O&M programs for all permittee owned facilities; update if necessary
- Implement all maintenance procedures for permittee owned facilities in accordance with O&M programs
- Implement program for MS4 infrastructure maintenance to reduce the discharge of pollutants

- Enclose all road salt storage piles or facilities and implemented winter road maintenance procedures to minimize the use of road salt

- Review as-built drawings for new and redevelopment to ensure compliance with post construction
- bylaws, regulations, or regulatory mechanism consistent with permit requirements
- Inspect all permittee owned treatment structures (excluding catch basins)
- Identify additional permittee-owned properties that could potentially be modified or retrofitted with BMPs to reduce impervious areas so that the permittee maintains a minimum of 5 sites in their inventory, until such a time when the permittee has less than 5 sites remaining

Provide any additional details on activities planned for permit year 8 below:

The Town plans on implementing an online permitting program, as funding becomes available, which will allow for better tracking of stormwater metrics.	

# Part V: Certification of Small MS4 Annual Report 2025

#### 40 CFR 144.32(d) Certification

representative]

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name:	Brian Antonial.	Title: DPW Director
	Bum Centruidi [Signatory may be a duly authorized	Date: 9/2 <b>9</b> /25