

NPDES Small MS4 NOI

version 1.6

(Submission #: HPM-NHCH-MEMP0, version 2)

Details

Originally Started By Roger Fields

Submission ID HPM-NHCH-MEMP0

MS4 Owner Name City of Alcoa

Status Draft

Form Input

General Information

Are any other operators of MS4s seeking coverage under this Notice of Intent

No

MS4 Ownership Type

City or Town

What is the estimated population of the MS4

11375

Name of Municipality or Organization

City of Alcoa

MS4 Responsible Official

Prefix

Mr.

First Name **Last Name**

Mark Johnson

Title

City Manager

Name of MS4

City of Alcoa

Phone Type **Number** **Extension**

Business 865-380-4795

Email

mjohnson@cityofalcoa-tn.gov

Address

223 ASSOCIATES BLVD

ALCOA, TN 37701

County

Blount

MS4 Program Manager**Prefix**

NONE PROVIDED

First Name Last Name

Roger Fields

Title

Stormwater Coordinator

Company/Organization Name

City of Alcoa

Phone Type Number Extension

Business 865-380-4800

Email

rfields@cityofalcoa-tn.gov

Address

725 UNIVERSAL ST

ALCOA, TN 37701

Description Of Storm Sewer System**Is an electronic geospatial map of your system available?**

Yes

If YES, provide a link to the REST Services:<https://alcoagis.maps.arcgis.com/apps/webappviewer/index.html?id=f5874b22f2244064a3c7aa727df8dab1>**Summary Of Receiving Streams****Please Lookup Waterbody Using Mapping Tool**

Using the GIS mapping tool linked below to list the receiving waterbodies to which your MS4 discharges, the 12 Digit Hydrologic Unit Code and the number of MS4 outfalls discharging into it.

[DWR Waterbodies Spatial Tool](#)**Streams with Unavailable Parameters**

Use the most current EPA Approved List of Impaired and Threatened Waters linked below, along with the GIS mapping tool published on the division's web site, to determine whether stormwater from any part of the MS4 discharges into streams with unavailable parameters for nutrients, pathogens, siltation, or other.

[Water Quality Rules, Reports and Publications](#)**Exceptional Tennessee Waters (ETW)**

Use the division's data viewer linked below to determine whether stormwater from any part of the MS4 discharges into Exceptional Tennessee Waters.

[TDEC Data viewer](#)**State or EPA Issued TMDL's**

EPA-Approved TMDLs as well as EPA-Established TMDLs for Tennessee waters can be found on the division's web site at Tennessee's Total Maximum Daily Load (TMDL) Program (tn.gov). to determine whether stormwater from any part of the MS4 discharges into it.

[Tennessee's Total Maximum Daily Load \(TMDL\) Program \(tn.gov\)](#)**List waters and parameters**

Receiving Water (Enter Source_FeatureID Value)	Number of Outfalls	Nutrients	Pathogens	Siltation	Other	ETW	TMDL	MS4 Jurisdiction
Culton Creek from Pistol Creek to headwaters (TN06010201026_0430)	13	Yes	Yes	Yes	Yes	No	Yes	
Polecat Creek from Fort Loudoun Reservoir from Fort Loudoun Reservoir to headwaters (TN06010201983_1000)	7	No	Yes	Yes	Yes	No	Yes	
Pistol Creek from Little River to headwaters (TN06010201026_0400)	30	No	Yes	Yes	No	Yes	Yes	
Springfield Branch from Pistol Creek to headwaters (TN06010201026_0410)	4	Yes	Yes	Yes	No	No	Yes	
Little River from embayment to Roddy Branch (TN06010201026_1000)	8	No	No	No	Yes	No	Yes	
Brown Branch from Pistol Creek to headwaters (TN06010201026_0420)	32	Yes	Yes	Yes	Yes	No	Yes	
Russell Branch from Little River to headwaters (TN06010201026_0500)	12	No	No	Yes	Yes	No	Yes	
Unnamed Trib to Lackey Creek from Lackey Creek embayment to headwaters Ecoregion 67f Blount County (TN06010201090_0100)	0	No	No	Yes	Yes	No	Yes	
Misc (TN06010201026_0999)	4	No	No	No	No	No	No	
Laurel Bank Branch from Culton Creek to headwaters (TN06010201026_0431)	2	No	No	No	No	No	No	
Fort Loudoun Reservoir from Dam to Hwy 129 bridge (TN06010201020_1000)	3	No	No	No	Yes	No	Yes	
Little River from Roddy Branch to Nails Branch (TN06010201026_2000)	0	No	No	No	Yes	No	Yes	

MCM 1: Public Education and Outreach

Public Education

Target Audience	Management Measure	Delivery Method/Materials	MS4(s) Responsible for Implementation
General Public	Awareness of the impacts on water quality	Stormwater education literature; Booths at environmental events; class room education events; City of Alcoa web page; catch basin markers; and TNSA social media campaign.	
General Public	Awareness of the importance of maintenance activities for operators of permanent BMPs/SCMs	PIE Plan will be updated to include items addressing SCM inspection and maintenance as the city goes through updates to the Stormwater Management Ordinance outlined in the Implementation Plan.	
General Public	Awareness on the proper storage, use, and disposal of pesticides, herbicides, fertilizers, oil and other automotive-related fluids	Stormwater education literature; Booths at environmental events; class room education events; City of Alcoa web page; catch basin markers; and TNSA social media campaign.	
General Public	Awareness of identifying and reporting procedures for illicit connections/discharges, sanitary sewer seepage, spills, etc.	Web Page, and Stormwater Hot Line	
Engineering & Development Community	Awareness of the stormwater ordinances, regulations, and guidance materials related to long-term water quality impacts	Web Page has Stormwater Management Ordinance, Stormwater Utility Ordinance, and other city regulations/standards for development. Design Review; Preconstruction Meetings	
Engineering & Development Community	Awareness of the stormwater ordinances, regulations, and guidance materials related to long-term water quality impacts	Web Page has Stormwater Management Ordinance, Stormwater Utility Ordinance, and other city regulations/standards for development. Design Review; Preconstruction Meetings	
Public Employees	Awareness of water quality impacts from daily operations	Municipal Staff Training: Training Videos	
Public Employees	Pollution Prevention and Good Housekeeping (see Permit sub-part 4.2.6.)	Municipal Staff Training: Training Videos	
Public Employees	The awareness of identifying and reporting procedures for illicit connections/discharges, sanitary sewer diversions or seepages, spills, etc.	Municipal Staff Training: Training Videos	

Are there additional education campaigns and audiences?

No

MCM 2: Public Involvement/Participation

Public Involvement

Participants	Management Measure	Delivery Method/Materials	MS4(s) Responsible for Implementation
General Public	Pollution Prevention	Hazardous waste collection days, and provide a year around oil recycling station for the local citizens. The City of Alcoa offers curbside recycling throughout the city.	
General Public	Impacts on water quality or local storm water management issues	Monthly commission and planning commission meetings. Local stream clean ups.	
General Public	Storage, use, and disposal of household hazardous waste, automotive-related fluids, pesticides, herbicides, and fertilizers use	Hazardous waste collection days, and provide a year around oil recycling station for the local citizens.	
General Public	Identifying and reporting procedures for illicit connections/discharges, sanitary sewer seepage, spills, etc.	Stormwater Hotline listed on the City of Alcoa web page.	
Commercial & Development Community	Pollution Prevention	Hot spot mailer campaign	
Commercial & Development Community	Impacts on water quality or local storm water management issues	Monthly commission and planning commission meetings.	

Have you implemented additional public involvement/participation activities?

Yes

If Yes, describe the additional activities, participants, management measures and MS4(s) responsible for implementation:

The City of Alcoa supports Adopt-A-Stream opportunities within the MS4.

MCM 3: Illicit Discharge Detection & Elimination (IDDE)

1. Has an ordinance or other regulatory mechanism been established prohibiting non-stormwater discharges?

Yes

1a. Name of ordinance or other regulatory mechanism

Stormwater Management Ordinance section 16-508

1b. Effective date of adoption

2/12/2008

2. Has a written plan to detect, identify, and eliminate non-stormwater discharges been established and implemented to include all components of the permit?

Yes

2b. Effective date of adoption

9/30/2016

3. Has a storm sewer system map been developed to include the minimum mapping requirements?

Yes

3a. If Yes, provide most recent date of mapping of MS4 outfalls & receiving streams

10/1/2022

4. Does the MS4's PIE plan include procedures to inform public employees, businesses, and the general public of the hazards and damage to water quality associated with illegal dumping and connections to the storm sewer, and the improper disposal of waste?

Yes

5. Has a mechanism been developed for the public to report suspected illicit discharges?

Yes

If yes, list the mechanism (e.g., hotline number, website URL or other)

Stormwater Hot Line 865-380-4820

<https://www.cityofalcoa-tn.gov/291/Stormwater-Management-Program>

MCM 4: Construction Site Stormwater Runoff Control

1. Has an ordinance or other regulatory mechanism been established to require erosion prevention and sediment controls (EPSCs) from construction activities that result in land disturbance of equal or greater than one acre or less than one acre if part of a larger common plan of development or sale, including sanctions to ensure compliance?

Yes

1a. Name of enforcement authority or other mechanism

City of Alcoa Stormwater Management Ordinance

1b. Title/Code/Citation

16-506 Grading, construction, erosion prevention and sediment control

1c. Effective date of adoption

2/12/2008

2. Have requirements for construction site operators to implement appropriate erosion and sediment control best management practices and control of waste at the construction site been established?

Yes

3. Have procedures for construction site plan (including erosion prevention and sediment controls) review and approval which incorporate consideration of potential water quality impacts been established?

Yes

4. Have mechanisms or plans for public access to information on projects and receiving and considering comments from the public on those projects been established?

Yes

4a. If Yes, describe

All site plans are considered by the City of Alcoa Regional Planning Commission, which holds public meetings every third Thursday of each month.

5. Have procedures to inspect construction sites and take enforcement actions to correct noncompliance been established?

Yes

MCM 5: Post Construction/Permanent Stormwater Management in New Development and Redevelopment

1. Has an ordinance or other regulatory mechanism been established to address post construction runoff from new development and redevelopment projects that disturb one or more acres of land, or less than one acre if part of a larger common plan of development

Yes

1b. Effective date of adoption

2/12/2008

2. Does the SWMP include requirements to ensure long-term operation and maintenance of SCMs for controlling runoff from new development and redevelopment projects?

Yes

2b. If yes, provide effective date of adoption

2/12/2008

3. Does your program meet all the requirements of State Rule Chapter 0400-40-10?

No

4. If your program does not meet all the requirements of State Rule Chapter 0400-40-10 have you already developed an implementation plan that includes a compliance schedule with interim milestones?

Yes

4a. If Yes, attach your implementation plan if available

[AlcoaTN_PermanentSW_ImplementationPlan_final.pdf - 11/03/2022 11:34 AM](#)

Comment

NONE PROVIDED

MCM 6: Pollution Prevention/Good Housekeeping For Municipal Operations

1. Indicate if the MS4 has the municipal operations listed below

Municipal Operation	Included?	Responsible Department/Parties
Streets, roads, highways	Yes	City of Alcoa Public Works, Street Department
Parking lots	Yes	City of Alcoa Public Works, Street Department.
Maintenance and storage yards	Yes	City of Alcoa Public Works City of Alcoa School Maintenance
Fleet or maintenance shops with outdoor storage areas	Yes	City of Alcoa Public Works, Fleet Management and City of Alcoa School Maintenance Department.
Salt/sand storage locations	Yes	City of Alcoa Public Works, Street Department
Snow disposal areas operated by the permittee	No	
Waste disposal, storage, and transfer stations	Yes	City of Alcoa Public Works, Sanitation Department

2. Has an employee training program for employees responsible for municipal operations at these facilities been developed?

Yes

3. Has an O&M Facility Plan developed and implemented for these facilities?

Yes

Enforcement Response Plan (ERP)

Has an Enforcement Response Plan for all required program elements been established?

Yes

Effective date of adoption

9/15/2017

ERP Attachment

[City of Alcoa Enforcemetn Response Plan.pdf - 09/22/2022 10:54 AM](#)

Comment

NONE PROVIDED

Stormwater Monitoring and Program Evaluation

Monitoring Program Type (see subpart 4.6 of the permit for details)
Option 1

Attachments

Date	Attachment Name	Context	User
11/3/2022 11:34 AM	AlcoaTN_PermanentSW_ImplementationPlan_final.pdf	Attachment	Roger Fields
9/22/2022 10:54 AM	City of Alcao Enforcemetn Response Plan.pdf	Attachment	Roger Fields