

NCS000501_WAYNESVILLE 2024 ANNUAL SELF ASSESSMENT

Line No.	Reporting Year (July 1 - June 30)	BMP Ref.	Measurable Goal	Reporting Metric	Comments
3	3	1	Did Waynesville submit the Annual Self-Assessment to NCDEQ prior to August 31 each year?	YES	The annual report was submitted on August 2, 2024.
13	3	3.B.3.	Did Waynesville develop and distribute a postcard about erosion and sedimentation?	YES	Post cards were sent to all utilitiy customers. Copy posted online in the Educaitonal Gallery of the Town's Stormwater page.
14	3	3.B.3.	How many erosion and sedimentation postcards were distributed?	YES	3,000
21	3	4.B.3.	Did Waynesville have a display about erosion and sedimentation at the Haywood County Public Library?	YES	Public Display: ‘Help Keep Sediment’ out of our Streams was on display at the Waynesville Public Library for the month of December 2023.
27	3	5.B.3.	Did Waynesville publish one stormwater article about yard waste?	YES	October 23, 2023: Yard Waste article and images on the Town of Waynesville Facebook page (Screenshots in Haywood Waterways 23-24 folder on our P-Drive). Press release on October 28, 2023.
32	3	6.B.3.	Did Waynesville post four stormwater articles on social media: yard waste, fertilizers, illicit discharges, pet waste?	YES	Town of Waynesville Facebook Page: 1. August 28, 2023: Lawn Fertilizer article 2. October 23, 2023: Yard Waste article and images 3. February 1, 2024: Illicit Discharges Pollute our Waterways 4. April 15, 2024: The Scoop on Dog Poop Haywood Waterways Facebook Page: 1. July 6, 2023: General Stormwater Pollution Post 2. August 23, 2023: Pesticide Disposal Announcement and link to the article 3. February 1, 2024: Illicit Discharges Pollute our Waterways 4. April 15, 2024: The Scoop on Dog Poop Town's Newsletter sent to all utility customers (about 3,000 people), and hard copies placed in the Town Hall for winter 2024: 1. Artcile: "Stormwater Management: Exemplary Bioretention Cells at Mountain Credit Union" (January 2024). The article was also posted on the Town's Stormwater page.
39	3	7.B.3.	Did Waynesville give a public presentation about erosion and sedimentation?	YES	Presentation to the Town Council on October 10, 2023. It was advertized for 2 weeks in the local newspaper (The Mountaineer) and posted on the Town's SW Page. The topics included: erosion and sedimentation, NPDES permit overview, hotspot sampling.
40	3	7.B.3.	How many attendees were present for the public presentation about erosion and sedimentation?	22	22
47	3	8.B.2.	Did Waynesville maintain and update the stormwater web page by posting the MS4 Annual Self-Assessment, verifying all links and contact information are current/active, and posting educational information?	YES	Yes, the page is updated periodically and all the links are verified. Official Waynesville Stormwater Page: https://www.waynesvillenc.gov/departments/development-services/stormwater-management
52	3	8.B.3.	How many hits did the stormwater web page have?	521	Page activity is monitored, and a monthly report is generated via Google Analytics. The reports are saved.
57	3	8.B.4.	Did Waynesville add one new educational component to the web page that addresses a target pollutant/audience? Note topic in comment field.	YES	The following items were added to the page in FY23-24: postcard about erosion and sedimentation, updated stormwater and outfalls maps, public hearing ad on sw issues.
63	3	9.B.2.	Did Waynesville maintain links from HWA web page to the Town of Waynesville’s web page?	YES	Maintained and verified.
68	3	10.B.1.	Did Waynesville establish and maintain hotline phone number and responsible party for citizens to ask stormwater questions and report stormwater issues?	YES	Yes: Development Services, Haywood Waterways, and NC DEQ phone numbers.
76	3	10.B.3.	Did Waynesville train hotline contact(s) in general stormwater awareness, complaint call protocols and appropriate contacts for referral of typical stormwater issues?	YES	
77	3	10.B.3.	How many staff were trained as hotline contact(s)?	10	Development Services Staff and Haywood Waterways.
84	3	10.B.4.	Did Waynesville publicize hotline information in educational materials and on town’s stormwater web page?	YES	On the web page and in mailed postcards.
90	3	10.B.5.	How many hotline calls were received?	12	We maintain illicit discharge and construction runoff logs.
97	3	11.B.1.	Did Waynesville provide a public platform / agenda item for town staff and citizens to report on stormwater concerns and provide public input?	YES	Yes, at the October 10, 2023 Town Council meeting during the Annual Sotrmwater Presentation. Copy of the agenda and materials are available on the Town's Stormwater Page.
98	3	11.B.1.	How many stormwater comments were received?	5	No questions. The Council praised the presenters for the work done.
105	3	14.B.1.	Did Waynesville identify areas that could be cleaned by stream cleanup volunteers?	YES	Yes, see below (lower Allens Creek, all Richland Creek)
114	3	14.B.2.	Did Waynesville coordinate stream clean-ups for target areas?	YES	See below.

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115	3	14.B.2.	How many stream cleanup volunteers participated?	126	5 groups conducted cleanups on the following dates: 7-22-23 Athens UMC & 9-9-23 Big Sweep. 66 volunteers collected 2,305 lbs of trash during Q1: 1. Athens UMC 7-23-23 -lower Allens Creek 2. FUMC Afterschool 9-9-23- middle Richland Creek and around Frog Level 3. HCC Wildlife Group 9-9-23- Richland Creek Depot St. to lower Richland Creek 4. Bleu Jays Guide 9-9-23- lower Allens Creek 5. Cub Scout 9-9-23 Lower Richland Creek 2024 cleanups: 1. 2/17/2024: 37 youth clean up around Allens Creek along the railroad and streambanks. A total of 22 bags of trash were collected. 2. 2/18/2024: 5 youth cleaned up around Howell Mill Rd. A total of 6 bags of trash were collected. 3. 3/16/2024: 10 volunteers collected 31 bags of trash from the banks of Richland Creek between Zaxby's and Kobe Express. 4. 3/30/2024: 8 volunteers collected 25 bags of trash from behind iMart, Waffle House, and along Howell Mill Rd. 5. 4/13/24: 8 volunteers collected 375 lbs of trash from Allens Creek (Bleu Jay's Guide). 6. 5/22/24: 4 volunteers collected 3 bags of trash, 50 lbs from Allens Creek (Frog Lebel Runners).
116	3	14.B.2.	How many pounds of trash were collected during stream cleanup event(s)?	4,410	See above. 2305+1,680+375+50 lbs
133	3	15.B.1.	Did Waynesville recruit Adopt-A-Stream participation?	YES	Yes. Waynesville contracts with Haywood Waterways for that function.
134	3	15.B.2.	Did Waynesville provide support to Adopt-A-Stream groups?	YES	Haywood Waterways provides support to the existing groups by organizing and coordinating stream clean ups, providing cleaning supplies, and personal protective gear.
135	3	15.B.2.	How many Adopt-A-Stream groups are there?	5	There are a total of 5 groups in Waynesville: 1. Giles Chemicals (Frog Level Upstream, Richland Creek) 2. First United Methodist Church Afterschool Program (Richland Creek, Frog Level) 3. Bleu Jay's Guide (Homeschool Business, adopted Allens Creek) 4. Haywood Community College Wildlife Club (Richland Creek off Greenway and Depot Street) 5. Board of Realtors for Haywood County (adopted Richland Creek off Greenway)
136	3	15.B.2.	How many volunteers participated in Adopt-A-Stream cleanups?	70	6 groups cleaned 6 times.
137	3	15.B.2.	How many pounds of trash were collected by Adopt-A-Stream volunteers?	3,855	3,855 lbs
152	3	16.B.1.	Did Waynesville conduct a storm drain stenciling event?	YES	Haywood Waterways completed stenciling on 4/25/24.
153	3	16.B.1.	How many storm drains were stenciled?	8	4/25/24 8 students from the Alternative Learning Center stenciled 8 stormdrains along Byron St., Joy Ln. and the Haywood County Public Library.
160	3	17.B.1.	Did Waynesville update the storm drain system map, to include new major outfalls, flow directions, and receiving waters?	YES	The map is updated continuously.
167	3	17.B.1.	How many new major outfalls were added to the MS4 map?	2	
168	3	17.B.1.	How many total major outfalls are on the MS4 map?	12	
175	3	18.B.1.	Did Waynesville update the land use map?	NO	The map is updated as needed via rezonings and depening on the type of development projects.
181	3	19.B.1.	Were any updates made to the ordinances in order to maintain legal authority to prohibit, detect, and eliminate illicit connections and discharges, illegal dumping, and spills into the MS4?	NO	We had many updates to the Stormwater Ordinance in the last two (2) years. See Public Hearings section of the Town's Stormwater Page: https://www.waynesvillenc.gov/departments/development-services/stormwater-management
187	3	20.B.2.	How many IDDE NOVs were issued?	0	3 valid cases logged and were resovled via verbal warning. One case involved closing down the restaurant by the building inspections because of the grease leak.
192	3	20.B.2.	How many IDDE NOVs were resolved?	All	
198	3	21.B.2.	Did Waynesville review / update the IDDE Plan?	YES	IDDE meeting with stakeholders on Monday, November 20, 2023. Present: Olga Grooman and Elizabeth Teague (Development Services), Christine O'Brien and Mackenzie Tenan (Haywood Waterways), and Ricky Foster (Public Services). Updates to IDDE Plan, MS4 SOP, and Spill Reponse are noted in the documents.
207	3	25.B.1.	Did Waynesville train IDDE / outfall inspections staff?	YES	See below.
208	3	25.B.1.	How many staff received IDDE training?	45	Annual staff training took place on April 2, 2024. Presenters: Mitch Woodward with the NC State Cooperative Extension, Olga Grooman with the Town of Waynesville, and Christine O'Brien with Haywood Waterways Association. Sign-in sheets and slides are saved.
209	3	25.B.2.	How many staff received erosion and sediment control training?	45	See above.
218	3	22.B.2.	Did Waynesville screen 20% of the storm drain system outfalls per year to identify non-storm water flows and document any potential violations?	YES	In this FY, we inspected 102 outfalls.
219	3	22.B.2.	How many major outfall inspections were conducted?	2	
236	3	23.B.1.	Did Waynesville hold an IDDE evaluation meeting with stakeholders?	YES	November 20, 2023. Elizabeth, Olga, Christine, Ricky, Mackenzie- Dev. Services, Haywood Waterways, Public Services.
237	3	23.B.1.	Were any changes proposed as a result of the IDDE evaluation meeting with stakeholders?	YES	Changes are referenced and dated inside the document.
238	3	23.B.2.	How many potential illicit discharges were identified?	YES	3
239	3	23.B.2.	How many verified illicit discharges were identified?	YES	3
240	3	23.B.2.	How many verified illicit discharges were resolved or removed?	3	3
241	3	23.B.2.	How many illicit discharge enforcement actions were taken?	3	All of them logged (grease on the parking lot, plastics in the creek, and soap on the parking lot).
260	3	28.B.1.	Did Waynesville train municipal staff on proper handling of construction site runoff complaints?	YES	See staff training notes above.
261	3	28.B.1.	How many staff were trained on proper handling of construction site runoff complaints?	45	See staff training notes above.
268	3	29.B.1.	How many construction site runoff complaints were received?	8	We conducted 13 scheduled routine inspections in addition to daily inspections by building inspectors.
277	3	31.B.1.	Did Waynesville implement / enforce construction waste management requirements?	YES	Yes.
278	3	31.B.1.	How many construction waste inspections were performed?	15	That is an average number, and our building inspectors make sure there is a dumpster on site.
279	3	31.B.1.	How many construction waste violations were issued?	0	
296	3	32	Did Waynesville track the number of low-density and high-density plan reviews performed?	YES	Excel Log of Low and High Density plans is updated periodically as plans come in.

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297	3	32	If so, how many low density project reviews were performed?	0	
298	3	32	If so, how many high density project reviews were performed?	11	Low and High Density Plan Review Log
299	3	32	If so, how many low density project reviews were approved?	0	
300	3	32	If so, how many high density project reviews were approved?	8	Oakdale Duplexes, Cook Out, Dellwood City Homes, Biltmore Baptist Church, Greenview Subdivision, Sulphur Springs Townhomes, Junaluska Family Dentistry, Park Drive Subdivision.
313	3	32	Did Waynesville maintain a current inventory of low-density projects and constructed SCMs, including SCM type or low-density acreage, location, last inspection date and type of enforcement action (if any)?	YES	Stormwater Map and Post- Construction log.
318	3	32	How many high density non-municipally owned SCM inspections were performed?	32	32 Private SCMs on 15 properties.
323	3	32	How many low-density inspections were performed?	1	1 municipally owned dry pond at the Town's Sub. Station.
328	3	32	How many post-construction enforcement actions were issued?	0	All properties that were issued the "Annual Stormwater Inspection" letters submitted their reports performed by a qualified professional (engineer or landscape architect) with a passing result. The reports were submitted before the deadline specified in the letter (12/31/23). Extension is granted for one property- Browning Branch Subdivison- in order to reconstruct the ponds.
333	3	36.B.2.	Did Waynesville update the inventory of structural SCMs and low-density projects that are subject to post-construction ordinance requirements?	YES	It is updated annually in the post-construction log.
340	3	36.B.3.	How many SCMs are in the inventory?	37	5 Town's and 32 private SCMs
341	3	36.B.3.	How many low density projects are in the inventory?	1	1 municipally owned dry pond at the Town's Sub. Station.
351	3	37.B.3.	Is Waynesville on track to inspect each SCM at least once during the permit term?	YES	This FY we inspected 9 out of 15 properties with private SCMs. Additionally, Town's SCMs are inspected annually.
355	3	37.B.4.	Did Waynesville maintain / update the post-construction tracking system?	YES	The post-construction tracking system uncludes a log and map.
361	3	38.B.2.	Did Waynesville conduct inspections of 20% of low-density projects each year?	YES	Inspection logs are kept.
368	3	39.B.2.	Did Waynesville maintain pet waste disposal stations?	YES	Public Services and Parks and Recreation Departments maintain the stations.
369	3	39.B.2.	How many pet waste disposal bags were restocked at pet aste disposal stations?	52,000	<p>Parks and Recreation maintain 15 stations around all Town parks. Bags are changed every day. There are 100 bags in a box, 20 boxes in a case (2,000 bags per case). We use 24 cases a year, or 48,000 bags.</p> <p>Public Services Street Department maintains 5 pet waste stations along the Main Street and 3 in Hazelwood. We use roughly 4,000 bags (2 cases) a year for those stations. They are checked and maintained on Mondays, Wednesdays, and Fridays.</p>
378	3	40.B.1.	Did Waynesville compile a list of sample locations, results, and hot spots of potential human bacteria sources?	YES	<p>Haywood waterways were constructed to sample lower Shelton Branch: areas around Pigeon Community Center and NC DOK roundabout construction site. Collected fecal samples on the following dates: 7/19, 8/9, 8/17, 8/23 Total number of samples: 28.</p> <p>A total of 28 fecal collections were conducted on 4 days during Q1. The sampling effort focused on upper Shelton Branch were a major sewer break was located and repaired, lower Shelton near the roundabout where there have been ongoing issues, and Browning Branch. The upper Shelton Branch break is considered resolved, however, the lower Shelton Branch continues to be an issue. Fecal sampling has bracketed a location on Browning Branch and further action is underway.</p> <p>12 fecal samples were collected in Shelton Branch area.</p> <p>From Haywood Waterways Q4 Report: "The goal is to maintain fecal levels below 200 colonies/100ml. We conducted the 5 samples in 30 days on the hotspot streams within the ETJ. "</p> <p>Fecal monitoring summary:</p> <p>1. Upper Richland Creek: the average fecal count for the 5 samples was only slightly above the 200 colonies/100 ml goal.</p> <p>2. Lower Richland Creek: the average fecal count for the 5 samples was only slightly above the 200 colonies/100 ml goal. The elevated fecal count for this site is most likely due to the influence of Shelton Branch, which had very high fecal levels on 5-2-24.</p>
379	3	40.B.1.	How many human bacteria hot spots were identified?	4	See above.
390	3	40.B.2.	Did Waynesville perform testing of town sewer system to determine where repairs are needed and locations of stormwater infiltration?	YES	May 6, 20254 in cooperation and under the guidance of Troy Cassidy with the NC Rural Water Association.
391	3	40.B.3.	Did Waynesville perform sewer system maintenance and repairs identified through testing of town sewer system to determine where repairs are needed and locations of stormwater infiltration?	YES	Smoke test was conducted on May 10, 2024 jointly by the Waynesville Public Services Department and NC Rural Water Association. The Town is a member, and we partner with this organization annually for smoke tests, smoke test reports, and investigations of stormwater infiltration following smoke testing. Four (4) areas were smoked.
392	3	40.B.3.	How many sewer system maintenance and repair activities were performed as a result of testing of town sewer system to determine where repairs are needed and locations of stormwater infiltration?	306 ft	306 ft of sewer lines were repaired. Each comprehensive annual smoke test is accompanied by a detailed report with images and maps. Additionally, Public Services conduct spot-specific smoke tests throughout the year.
410	3	41.B.5.	Did Waynesville update the municipal facility inventory as needed when facilities are added or closed?	YES	Inventory is maintained. No new facilities were added.
414	3	42.B.2.	Did Waynesville implement the SOP / annual facility inspections for high stormwater pollution potential facilities?	YES	Haywood Waterway inspect the Town's facilities per contract.
415	3	42.B.2.	How many high stormwater pollution potential facilities were inspected?	YES	4- Fire Stations 1 and 2, Public Services facility, garage.
416	3	42.B.2.	Did Waynesville implement the SOP / once per permit term facility inspections for low stormwater pollution potential facilities?	YES	SOPs are implemented and reviewed annually.
417	3	42.B.2.	How many low stormwater pollution potential facilities were inspected?	YES	There are 51 low stormwater pollution facilities (including parks, town-owned parking lots, and properties with water tanks). They are looked at continuously during regular maintenance activities. Additionally, they are inspected by Haywood Waterways at least once per permit.
426	3	42.B.3.	Did Waynesville perform maintenance tasks identified in municipal facility inspection?	YES	Inspection and re-inspection reports are kept.

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430	3	44.B.1.	How many municipal facilities require spill response procedures?	5	1. Public Works 2-3. Fire Station (2) 4. Sewer Plant 5. Water Plant
434	3	44.B.2.	Did Waynesville maintain written spill response procedures for municipal operations with spill potential?	YES	The Spill Response Plan was reviewed on November 20, 2023. See response above to the BMP #21.B.2.
439	3	45.B.2.	Did Waynesville maintain a current inventory of town facilities and operations with spill potential?	YES	Yes. The list is available and reviewed annually.
445	3	47.B.2.	Did Waynesville implement the SOP for operations and maintenance of municipally-owned stormwater collection systems, including streets, roads, and public parking lots?	YES	Yes. The SOP is reviewed annually. Last review was on November 20, 2023. See response above to the BMP #21.B.2.
450	3	47.B.2.	How many MS4 inspections were performed?	>2,800	The Streets Department conducts regular inspections of catch basins, open throat ditches, drains, culverts, etc. The inspections are done at least once a week with an average of 54 stormwater infrastructure items inspected weekly. So it adds up to over 2,800 inspections a year by the streets crew. This an average annual number.
455	3	47.B.3.	How many MS4 maintenance activities were performed?	See below	Maintenance mostly included the replacements of culverts, unclogging storm drains, and maintenance of catch basins.
462	3	48.B.2.	Did Waynesville provide stormwater pollution and prevention training to staff?	YES	April 2, 2024. 45 staff members.
463	3	48.B.2.	How many staff were trained on stormwater pollution and prevention?	45	
471	3	49.B.3.	Did Waynesville maintain / update the municipal SCM inventory?	YES	
472	3	49.B.3.	How many municipally-owned SCMs are in the inventory?	5	
479	3	50.B.2.	Did Waynesville update the municipal SCM map when new municipally owned SCMs are constructed?	YES	We would, but none were constructed.
484	3	50.B.3.	Did Waynesville maintain NC SCM Inspections and Maintenance Certification for appropriate personnel?	YES	Olga Grooman
485	3	50.B.3.	How many NC SCM Inspections and Maintenance Certified staff are there?	1	See above.
491	3	50.B.5.	Did Waynesville inspect each SCM using inspection form?	YES	Filled out inspection report forms are in e-folders for each SCM.
492	3	50.B.5.	How many municipally-owned SCM inspections were performed?	5	ALL municipal SCMs are inspected annually. Additionally, designated staff conducts quarterly inspections.
493	3	50.B.5.	How many municipally-owned SCMs had documented deficiencies / required maintenance?	1	Riangarden/bioretenction at the Waynesville Greenway
494	3	50.B.6.	How many municipally-owned SCM corrective actions / repairs were performed?	Continuous	Designated staff conducts required maintenance on all municipal SCMs at least quarterly.
506	3	51.B.2.	Did Waynesville provide pollution prevention and chemical use, storage and handling training?	YES	
507	3	51.B.2.	How many staff received pollution prevention and chemical use, storage and handling training?	45	
515	3	52.B.2.	Did Waynesville perform annual municipal facility inspections to ensure that vehicle and equipment facilities are following proper procedures to minimize water quality impacts from vehicle and equipment cleaning and maintenance?	YES	Haywood Waterways inspected Public Services facility and garage on 5-13-24 and reinspected it on 6-14-24.
516	3	52.B.2.	How many municipal facility inspections were performed?	4	Fire Station 1- on 4-11-24 Fire Station 2- on 5-9-24 Public Services- 5-13-24 and 6-14-24 Garage- 5-13-24 and 6-14-24
522	3	52.B.3.	How many facilities required corrective actions to ensure that vehicle and equipment facilities are following proper procedures to minimize water quality impacts from vehicle and equipment cleaning and maintenance?	1	Public Services
526	3	52.B.3.	How many facilities implemented corrective actions to ensure that vehicle and equipment facilities are following proper procedures to minimize water quality impacts from vehicle and equipment cleaning and maintenance?	1	Public Services
533	3	54.B.2.	Did Waynesville perform routine municipal street/curb and gutter sweeping in accordance with the SOP?	YES	The Town has a new street sweeper which has good vacuum system.
534	3	54.B.2.	How many lane miles were swept?	267,000	The Streets Department has logs
535	3	54.B.2.	How many trash receptacles are available / maintained?	29	18 public receptacles on Main Street, 6 in Hazelwood, and 5 in Frog Level. There were also 6 public receptacles replaced.
545	3	55.B.2.	How many deicing application events/days were there?	10	
552	3	56.B.2.	Did Waynesville implement / maintain seasonal leaf collection in accordance with the SOP?	YES	The Town has SOP, and leaves are collected 5 days/week (excluding holidays) October through January.
553	3	56.B.2.	How many tons of leaves were collected?	>4,700	4-5 loads a day, 8 tons per load. The Town collects about 30-35 tons a day 5 days a week (no holidays) between October and January.
554	3	56.B.2.	How many storm drains were unclogged?	>4,000	This activity is a part of the daily maintenance. Additionally, at least 50 catch basins and 25 culverts were replaced.