

# City of DuPont

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## Status of Coordination Related to Long-range Stormwater Planning

*(Per the NPDES Municipal Stormwater Permit, S5.C.1.b)*

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March 2025

## **Review and Update**

March 2025 the new City Engineer was able to review the earlier Long Range Planning Report completed in November 2023.

After consultation with the City's Public Works staff and consultants' staff from Gray and Osborne, the answers to the questions listed in the report remain for the most part unchanged.

One change for 2025, the City will need to update the Utility Fees for water and stormwater, as well as update the system development changes for water and stormwater.

## **Purpose**

- Begin addressing stormwater needs in the City's planning documents and policies to meet NPDES Phase II Permit requirements

## **Ecology Annual Report Questions Relating to Planning**

### **1) List the relevant land use planning efforts that have taken place in your jurisdiction (land use plans that are used to accommodate growth, stormwater management, or transportation).**

- a. 2020 Water System Plan
- b. 2015 Comprehensive Stormwater Management Plan
- c. City's 2015 Comprehensive Plan
  - i. 20-year project list
- d. 2023 Stormwater Management Action Plan
- e. 1998 Sanitary Sewer Comprehensive Plan
- f. 2023-2024 Budget
- g. 2024-2029 Six-year Transportation Improvement Plan
- h. Any Other?
  - i. Dupont Municipal Code

### **2) List of stormwater capital projects (currently in or slated for future design and construction) that resulted from this planning.**

- a. 2015 Comprehensive Stormwater Management Plan & City's 2015 Comprehensive Plan (Bolded items have not been constructed)
  - i. Edmond Village Swale Rehabilitation
    - Year Planned: 2016
    - Completed: Yes
  - ii. Center Drive/Sequalitchew Creek Ditch Rehabilitation
    - Year Planned: 2016
    - Completed: Yes

- iii. **Edmond Village Pump and Electrical Upgrades**
      - Year Planned: 2016
      - Completed: No
    - iv. Bob's Hollow Lane Swale Rehabilitation
      - Year Planned: 2017
      - Completed: Yes
    - v. Aldrich Place Swale Rehabilitation
      - Year Planned: 2017
      - Completed: Yes
    - vi. Public Works Facility Storm System
      - Year Planned: 2018
      - Completed: Yes
    - vii. Kittson Street Pipe Adjustments
      - Year Planned: 2018
      - Completed: Yes
    - viii. **Hoffman Hill Development Div 5. Stormwater Facility Rehabilitation**
      - Year Planned: 2018
      - Completed: No
    - ix. **El Rancho Madrona Catch Basin Improvements**
      - Year Planned: 2020
      - Completed: No
    - x. **Stormwater Pond Security Upgrades**
      - Year Planned: 2020
      - Completed: No
    - xi. Barksdale Station Drywell Replacement
      - Year Planned: 2020
      - Completed: Yes
  - b. 2023 Stormwater Management Action Plan
    - i. Manchester Place Bioretention
      - Year Planned: Unknown
    - ii. International Place Bioretention
      - Year Planned: 2033
    - iii. Williamson Place Bioretention
      - Year Planned: 2028
  - c. Any Other?

**3) Describe watershed protection measures associated with stormwater management and land use planning actions that resulted from this planning.**

- a. **2015 Comprehensive Stormwater Management Plan:** Nonpoint source pollution control chapter which describes structural and non-structural measures to protect the watershed in terms of water quality and quantity. These measures include LID, bioswales, infiltration, oil/water separators, wet ponds, enhanced

maintenance programs, education and land use controls.

**b. City's 2015 Comprehensive Plan:** The City has six goals (Page 100)

- i. To plan for the provisions and development of storm drainage systems that are adequate to meet the needs of the City at full development.
- ii. Provide adequate public facilities that achieve and maintain City level of service standards for existing and future population.
- iii. Protect public health and environmental quality through the appropriate design and installation of public facilities.
- iv. Ensure that public facilities necessary to support new development are available and adequate concurrent with the development based on the City's adopted level of service standard
- v. Make the Capital Facilities Plan consistent with other city, county, regional and state adopted plans.
- vi. Ensure the efficient and equitable siting of essential regional capital facilities through cooperative and coordinated planning with other jurisdictions within the region and through streamlining of the City of Dupont's zoning permit process.

**c. City Code:**

- i. Establishes 2019 Ecology Manual which guides how stormwater is protected.
- ii. Updated codes in 2016 to allow for more LID possibilities (encouraged minimizing clearing in phases, required use of amended soils, and encouraged preservation of existing trees on site).
- iii. DMC 23, DMC 24, DMC 25 , DMC 22.01(Environmental chapter, subdivision, land use, and stormwater chapters)

**4) Were land acquisitions identified (or are planning ahead for) that are useful for stormwater facilities to: accommodate growth or to better serve an existing developed area? If yes, for what purpose?**

- a. No land purchased for regional facilities.

**5) Identified corrective actions, in addition to the minimum requirements of the Municipal Stormwater Permits to control or treat municipal stormwater discharges that pollute waters of the State (e.g. Limits to impervious cover added to any zoning districts, regional facility planning, minimization of vegetation loss, etc.)? If yes, describe.**

- a. Nothing more was done beyond the LID code related efforts.

**6) Updates to goals and policies related to investment in stormwater management facilities/BMPs? If yes, describe.**

- a. Updating the water and stormwater utility fee and system development charge for 2025.
- b. City Code
  - i. DMC 22.01.310 establishes maintenance responsibility to maintain the life of stormwater systems.
  - ii. DMC 22.01 updated to include stricter enforcement of maintenance of private facilities.

**7) Does the current long-range plan identify the location and existing capacity of public stormwater facilities and show which of these have unused capacity?**

- a. City's 2015 Comprehensive Plan
  - i. Does not comment on facilities existing capacity or if they have unused capacity.
- b. 2015 Comprehensive Stormwater Management Plan
  - i. Does not comment on facilities existing capacity or if they have unused capacity as the plan primarily focused on water quality.

**8) Do these facility locations impact where housing/development are projected to be located or influence acquisition of land (how?)**

- a. Assume this doesn't currently make a difference to the City because if no storm facilities exist, the developer would need to build it.
- b. If they do exist, it might mean development has a good chance to occur there but doesn't necessarily mean that it will happen first.
- c. Location of regional facilities were intended to address growth (i.e. city is a master planned community).

**9) Does the long-range plan identify a lack of facilities and the potential impacts of existing or new development to those areas and receiving waters?**

- a. 2015 Comprehensive Stormwater Management Plan
  - i. Lack of facilities at the City's Public Works Facility at Louviers Avenue and Forcite Street.
  - ii. Consistent standing water in the Hoffman Hill Development Division 5 stormwater facility.
  - iii. The City's developments include the need for stormwater plans to be submitted by developers to analyze and address increased runoff volume from the newly developed areas (Page 68).
- b. Did the 2015 Comprehensive Stormwater Management Plan address future flows?

- i. 2015 Comprehensive Stormwater Management Plan states that as a level of service, development will be built so that discharge from the site will not exceed pre-development flows.
- ii. 2015 Comprehensive Stormwater Management Plan states that it will match the storm runoff for a stream channel capacity (This may not always be the same as the predevelopment hydrologic condition).

**10) Any new proposed locations and capacity of stormwater facilities needed for the timeframe of the Plan?**

- c. 2015 Comprehensive Stormwater Management Plan
  - i. Lack of facilities at the City's Public Works Facility at Louviers Avenue and Forcite Street.
  - ii. Various malfunctioning stormwater conveyance ditches and bioswales (see chapter 4):
    - i. Edmond Village, parallel to Cosper Street
    - ii. Center Drive, in the vicinity of the Sequalitchew Creek crossing
    - iii. Palisades Village, at the end of Bob's Hollow Lane
    - iv. Palisades Village, at the end of Aldrich Place
  - iii. Catch basin sediment issues and other drainage issues in El Rancho Madrona along Lapsley Place.
  - iv. Drainage issues Algona Kittson Loop, McDonald Avenue and Kincaid Street due pipes with an insignificant slope.
  - v. Drywell sedimentation and clogging issues in the Historic Village at Barksdale Station.
  - vi. Consistent standing water in the Hoffman Hill Development Division 5 stormwater facility.
  - vii. The City's developments include stormwater plans to analyze and address increased runoff volume from the newly developed areas (Page 68).
- d. Did the 2015 Comprehensive Stormwater Management Plan address future flows?
  - i. 2015 Comprehensive Stormwater Management Plan states that as a level of service, development will be built so that discharge from the site will not exceed pre-development flows.
  - ii. 2015 Comprehensive Stormwater Management Plan states that it will match the storm runoff for a stream channel capacity (This may not always be the same as the predevelopment hydrologic condition).
- e. Old Fort Lake Subarea – growth will occur here in the future

**11) Based on projected growth over the planning period, describe how stormwater runoff impacts are forecasted. Does SW management info direct where growth is directed?**

- a. Did the Comprehensive Stormwater Management Plan address growth?

- i. No specific information was provided that pertained to the effects of increased growth. It was noted that as a level of service, development will be built so that discharge from the site will not exceed pre-development flows.