

City of Canton NPDES Construction Storm Water General Permit Compliance Guidance

11/27/2013

START:

ALL land disturbances shall ensure appropriate controls (silt fence, inlet protection, etc.) are in place to **prevent** sediment and polluted construction runoff from discharging off site and onto adjacent properties and streets or into drainage systems (storm sewers, ditches, creeks, etc.). Plans shall include provisions for appropriate controls.
Will proposed land disturbance be ≥ 1 acre?

Yes

No

A National Pollutant Discharge Elimination System (NPDES) Construction Storm Water General Permit (CGP) is **required**.

- Submit a **Notice Of Intent (NOI)** to Ohio EPA to apply for and obtain an NPDES CGP.
- **Construction water quality treatment** and **Post-construction water quality treatment** are **required**. Prepare a **Storm Water Pollution Prevention Plan (SWP3)** in accordance with CGP requirements as well as requirements as described in the City of Canton Storm Water Management Manual (see <http://cantonohio.gov/engineering/?pg=510>).
- All BMPs shall be designed in accordance with standards and requirements of the current editions of the following:
 - Ohio EPA's Construction Storm Water General Permit (CGP)
 - ODNR's Rainwater & Land Development Manual
 - ODOT's Location & Design Manual – Volume II – Drainage Design, as applicable
 - Ohio EPA's Post-Construction Question and Answer Document (<http://www.epa.ohio.gov/dsw/storm/CGPPCQA.aspx>)
- Do **not** design structural post-construction BMPs to be located within FEMA-identified 100-yr (1%) **floodplains**/Special Flood Hazard Areas (SFHAs)⁽¹⁾

An NPDES Construction Storm Water General Permit (CGP) is **not required**.
Will $\geq 6,000$ sf of imperviousness be created?

Yes

No

Storm water detention **not** required.

Further guidance for **Post-Construction WQ Treatment**:
Will land disturbance be ≥ 5 acres?

Yes

No

Site is considered a **"Large Construction Site"**⁽²⁾:

- Calculate the WQv and design structural BMP(s) to treat the WQv.
- **In addition**, design of non-structural post-construction BMPs is strongly recommended.

Site is considered a **"Small Construction Site"**⁽²⁾:

- Calculation/treatment of WQv **not** required (and prohibited if WQ orifice would be $< 2.5"$).
- Other post-construction WQ treatment practices are required. A **mix** of structural and non-structural post-construction BMPs should be designed.

Storm water detention may be required. See "City of Canton Storm Water Detention Guidance" flowchart for further information.

1. Submit SWP3 and supporting calculations to City Engineer and Stark SWCD for review (SWP3 must be approved by Stark SWCD for proposed land disturbance to be approved by City of Canton).
2. Coordinate any necessary SWP3 revisions with Stark SWCD.
3. Copies of **final/approved SWP3** any other revised plan sheets must be **submitted to Stark SWCD, City Engineer, and City Zoning Inspector**.
4. Submit copies of **Long Term Maintenance Plan (LTMP)** to Stark SWCD and City Engineer.
5. Upon City Zoning Inspector's receipt of **"approval"** by all applicable review entities **and** all final/approved plan sheets, City Zoning Inspector will issue **overall plan "approval"**.
6. Upon notice of overall plan approval by City Zoning Inspector, **contact Stark SWCD** and schedule a **Pre-Construction Meeting** no less than 7 days prior to land-disturbing activity.
7. All design and construction is **regulated by Chapter 961 of the City of Canton Codified Ordinances and the City of Canton Storm Water Management Manual** and is subject to **review, fees, inspection, enforcement, and/or penalty** by means of the same.

For questions, contact:
City of Canton Engineering Department
 2436 30th St NE – Building A
 Canton, Ohio 44705
 Ph: 330-489-3381
 Website: www.cantonohio.gov/engineering
 Email: engineering@cantonohio.gov

OR:

Stark SWCD
 2650 Richville Dr. SE – Suite 103
 Massillon, Ohio 44646
 Ph: 330-830-7700

Footnotes:
 (1): Flood Hazard (FH) District regulations may apply. See Chapter 1132 of the City of Canton Zoning regulations or contact the City Zoning Inspector for details.
 (2): See Ohio EPA's "Post-Construction Q&A Document" for details and further guidance (<http://www.epa.ohio.gov/dsw/storm/CGPPCQA.aspx>).