



REPRESENTATIVE PROJECT

MS4 Services

North Haven, Connecticut

Description & Background

Anchor Engineering has been providing the Town with MS4 stormwater consulting services since November 2018. Anchor quickly completed 110 dry weather outfall screenings and 17 wet weather outfalls to impaired waters before the end of the 2018 as the Town was anxious to present positive momentum in the 2018 annual report.

Detailed Services

Anchor Engineering has been assisting the Town with all aspects of implementing their MS4 program. Anchor Engineering is identifying and confirming the location of all MS4 outfalls and interconnections, screening and evaluating all identified MS4 outfalls during dry weather, identifying impaired waters and MS4 outfalls within 50 feet of these impaired waters, and sampling MS4 outfalls to impaired waters during wet weather. In addition, Anchor Engineering prepared the Town's IDDE Program, reviewed existing and proposed MS4 regulations and ordinance, audited Town facilities for MS4 compliance, provides annual MS4 training to Town staff, assists in implementing Best Management Practices, and is tracking MS4 public outreach and education activities.

PROJECT HIGHLIGHTS

- Dry Weather Outfall Screening & Location Confirmation
- Wet Weather Outfall Sampling
- IDDE Program Development and Implementation
- Regulation and Ordinance Review
- Record-Keeping Assistance
- Annual MS4 and IDDE Training



MS4 PERMIT

Start Date: November 2018
Completion Date: End of MS4 General Permit
Cost to Date: \$115,000
Budget: \$200,000 through June 2020





REPRESENTATIVE PROJECT

MS4 Permit Implementation

Stamford, Connecticut

Description & Background

Anchor Engineering has been helping the Town comply with its individual MS4 stormwater permit since 2014. The focus of Anchor's services has been sampling, annual report preparation, permit renewal, and assisting the City with their EPA and DEEP stormwater interactions. Many of the City's permit requirements mirror those in the current MS4 general permit.

Detailed Services

Anchor provided a review of the Stormwater Management Plan, wet weather outfall sampling, dry weather outfall screening, illicit detection discharge and elimination (IDDE) program setup, IDDE monitoring on-call and as part of regular EPA inspections, annual reporting, public participation, preparation of the permit renewal application, plan evaluation and budgeting services. Our current scope of services calls for 100 dry weather outfall screenings and up to 100 wet weather outfall samples per year.

PROJECT HIGHLIGHTS

- ♦ Individual MS4 Permit Renewal
- ♦ Annual Report Preparation
- ♦ Dry Weather Outfall screening (over 1,000)
- ♦ Wet Weather Outfall Sampling
- ♦ Regulatory Agency Interaction



MS4 PERMIT

Start Date: July 2014
Completion Date: June 2021+
Cost to Date: \$360,000
Budget: \$450,000 through June 2021





REPRESENTATIVE PROJECT

MS4 Permit Implementation

Suffield, Connecticut

Description & Background

Anchor Engineering has been providing MS4 stormwater consulting services to the Town of Suffield since 2017. We have been involved in all facets of the Town's MS4 permit compliance.

Detailed Services

Anchor Engineering has been assisting the Town with MS4 compliance since the current MS4 general permit was issued. We prepared the permit application package, prepared the Stormwater Management Plan (SMP), and developed the IDDE program, including the Town ordinance. Currently, Anchor Engineering is mapping the MS4 system in GIS, performing dry weather outfall screening, sampling wet weather outfalls to impaired waters, ranking catchments for additional investigations, and providing annual MS4 training. We also prepare the MS4 annual reports.

PROJECT HIGHLIGHTS

- Town-Wide Stormwater Management Plan
- IDDE Program
- Dry Weather Outfall Screening and Evaluation
- Wet Weather Outfall Sampling
- Town-Wide MS4 Mapping



MS4 PERMIT

Start Date: February 2017
Completion Date: End of MS4 General Permit
Cost to Date: \$55,000
Budget: \$125,000 through June 2021





REPRESENTATIVE PROJECT

MS4 Stormwater Monitoring

Waterford, Connecticut

Description & Background

Anchor Engineering has been providing MS4 stormwater consulting services to the Town of Waterford since 2017. We have been involved in all facets of the Town's MS4 permit compliance.

Detailed Services

Anchor Engineering has been assisting the Town with compliance since the current MS4 general permit was issued. We prepared the permit application package, prepared the Stormwater Management Plan (SMP), and developed the IDDE program, including review of existing Town ordinances. Currently, Anchor Engineering is mapping the MS4 system in GIS, locating additional MS4 outfalls, performing dry weather outfall screening, sampling wet weather outfalls to impaired waters, ranking catchments for additional investigations, providing annual training, and preparing the MS4 annual reports.

PROJECT HIGHLIGHTS

- Town-Wide Stormwater Management Plan
- IDDE Program
- Dry Weather Outfall Screening and Evaluation
- Wet Weather Outfall Sampling
- Town-Wide MS4 Mapping



MS4 PERMIT

Start Date: February 2017
Completion Date: End of MS4 General Permit
Cost to Date: \$45,000
Budget: \$110,000 through June 2020





REPRESENTATIVE PROJECT

MS4 Stormwater Assistance

Derby, Connecticut

Description & Background

Anchor Engineering has been assisting the City of Derby with their MS4 compliance issues since 2015. The City is currently under Order from the EPA for historic non-compliance and we have been helping to get them back on track.

Detailed Services

Prior to the issuance of the current MS4 general permit, Anchor Engineering worked with the Town to identify MS4 outfalls and to sample all outfalls during both wet and dry weather events; these activities were needed in order to comply with historic areas of non-compliance. Since the new MS4 general permit was issued, Anchor Engineering has been involved in all aspects of the Town's MS4 compliance. We prepared the permit application package, prepared the Stormwater Management Plan (SMP), and developed the IDDE program, including review of existing Town ordinances. We are mapping the MS4 system in GIS, performing dry weather outfall screening, sampling wet weather outfalls to impaired waters, ranking catchments for additional investigations, providing annual MS4 training, and preparing the MS4 annual reports.

PROJECT HIGHLIGHTS

- EPA Order Compliance
- Town-Wide Stormwater Management Plan
- IDDE Program
- Outfall Monitoring and MS4 Mapping
- Dry & Wet Weather Outfall Sampling
- Town-Wide MS4 Mapping



MS4 PERMIT

Start Date: May 2015
Completion Date: End of MS4 General Permit
Cost to Date: \$70,000
Budget: \$150,000 through June 2020





REPRESENTATIVE PROJECT

MS4 Permit

East Hartford, Connecticut

Description & Background

Anchor Engineering was contacted by the Town of East Hartford to identify and map MS4 outfalls and perform outfall sampling in the spring of 2019 under our existing on-call consulting agreement.

Detailed Services

Anchor Engineering worked with the Town's identified end-of-year MS4 budget to maximize consulting services. We worked with Town staff to identify sections of Town that had not been mapped, located and mapped MS4 outfalls, screened outfalls during dry weather, and sampled outfalls discharging to impaired waters during wet weather. We anticipate working with the Town in the future as funding allows.

PROJECT HIGHLIGHTS

- ✦ MS4 Outfall Identification
- ✦ Outfall Mapping Services
- ✦ Outfall screening and Sampling



MS4 PERMIT

Start Date: April 2019
Completion Date: End of MS4 General Permit
Cost to Date: \$30,000
Budget: Unknown





MUNICIPAL STORMWATER CLIENTS

Below you will find a listing of municipal clients with whom we've provided stormwater management services to over the past five years. In addition, we provide industrial stormwater services at over 40 Connecticut sites for private clients.

- Town of South Windsor: MS4, Industrial Stormwater, and Construction Stormwater
- City of Stamford: MS4 and Industrial Stormwater
- Town of North Haven: MS4 and Industrial Stormwater
- Town of Waterford: MS4 and Industrial Stormwater
- Town of Suffield: MS4 and Industrial Stormwater
- City of Derby: MS4 and Industrial Stormwater
- Town of East Hartford: MS4 and Industrial Stormwater
- Town of Southington: MS4 and Industrial Stormwater
- Town of Manchester: Industrial Stormwater
- Town of Bloomfield: MS4, Industrial Stormwater, and Construction Stormwater
- Town of Somers: Industrial Stormwater
- City of Norwich: MS4 and Industrial Stormwater
- City of New London: Industrial Stormwater
- Town of Salisbury: Industrial Stormwater
- Town of Columbia: Industrial Stormwater
- Town of Bozrah: Industrial Stormwater
- Town of Hampton: Industrial Stormwater
- Town of Haddam: Industrial Stormwater
- City of New Haven: Industrial Stormwater
- Town of Lebanon: Industrial Stormwater
- Town of Stonington: Construction Stormwater
- Town of Woodbury: Construction Stormwater
- City of West Haven: Construction Stormwater
- Town of Rocky Hill: Construction Stormwater





REFERENCES

Anchor Engineering is pleased to provide the following references to the Town of Orange:

Town of North Haven

18 Church Street

North Haven, CT 06473

Ms. Lynn Sadosky, P.E., Director of Public Works

Phone: (203) 239-5321 x401

Email: Sadosky.lynn@town.north-haven.ct.us

City of Stamford

90 Magee Avenue

Stamford, CT 06901

Mr. Tyler L. Theder, Regulatory Compliance and Administrative Officer

Phone: (203) 977-5281

Email: TTheder@stamfordct.gov

Town of Waterford

15 Rope Ferry Road

Waterford, CT 06385

Daniel Matheson, Assistant Director of Public Works

Phone: (860) 444-5864

Email: dmatheson@waterfordct.org

Town of Suffield

83 Mountain Road

Suffield, CT 06078

Mr. Gerald Turbet, Town Engineer

Phone: (860) 668-3876

Email: gturbet@suffieldct.gov

City of Derby

1 Elizabeth Street

Derby, CT 06418

Mr. Andrew Baklik, Chief of Staff

Phone: (203) 736-1496

Email: abaklik@DerbyCT.gov

