Exhibit H

Stormwater Management Report

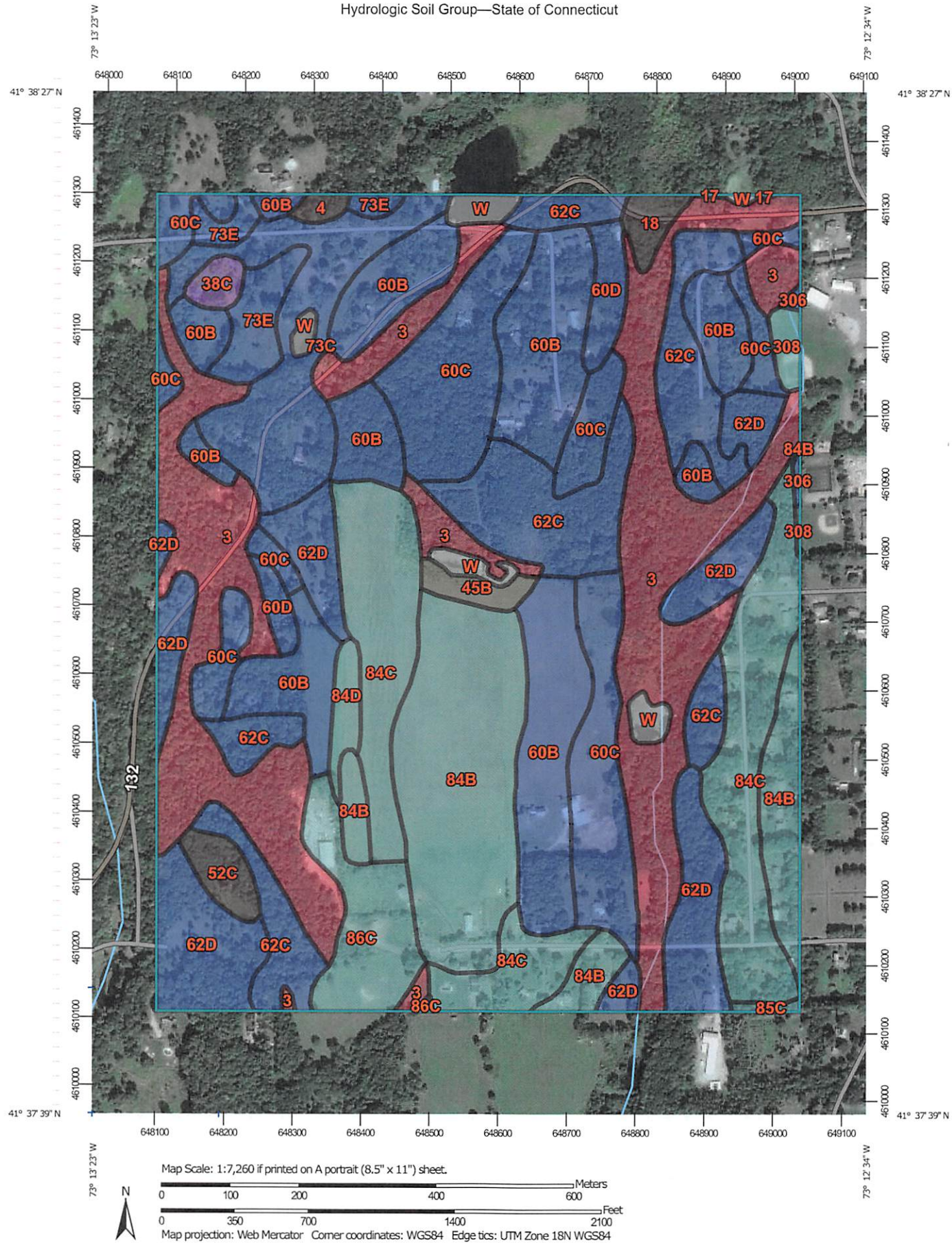
(Including Drainage Analysis –

Review of Pre-And Post-Development Runoff At The Project Site)

- APPENDIX A –

NRCS Soil Survey

APPENDIX A: NRCS SOIL SURVEY


73° 13' 23" W
73° 12' 34" W
41° 38' 27" N
41° 37' 39" N
648000
648100
648200
648300
648400
648500
648600
648700
648800
648900
649000
649100
4611400
4611300
4611200
4611100
4611000
4610900
4610800
4610700
4610600
4610500
4610400
4610300
4610200
4610100
4610000
60B
4
73E
W
62C
17
W 17
18
60C
73E
60C
38C
60B
60D
3
306
73E
W
60B
60B
73C
3
60B
62C
60C 308
60C
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62D
60B
60C
84B
60B
306
62C
3
3
62D
60C
62D
W
45B
3
62D
308
60D
62D
60C
84C
60B
84D
W
62C
62C
60B
60C
132
84B
84C
84B
84B
52C
62D
62D
62C
86C
84C
84B
62D
3
3
86C
85C
Map Scale: 1:7,260 if printed on A portrait (8.5" x 11") sheet.
N
Meters
0
100
200
400
600
Feet
0
350
700
1400
2100
Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

Soils

Soil Rating Polygons

- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Soil Rating Lines

- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Soil Rating Points

- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Water Features

- Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: State of Connecticut
Survey Area Data: Version 19, Sep 13, 2019

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Aug 23, 2018—Sep 17, 2019

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Hydrologic Soil Group

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
3	Ridgebury, Leicester, and Whitman soils, 0 to 8 percent slopes, extremely stony	D	53.2	19.2%
4	Leicester fine sandy loam	B/D	0.7	0.2%
17	Timakwa and Natchaug soils, 0 to 2 percent slopes	B/D	0.1	0.0%
18	Catden and Freetown soils, 0 to 2 percent slopes	B/D	1.6	0.6%
38C	Hinckley loamy sand, 3 to 15 percent slopes	A	1.3	0.5%
45B	Woodbridge fine sandy loam, 3 to 8 percent slopes	C/D	1.6	0.6%
52C	Sutton fine sandy loam, 2 to 15 percent slopes, extremely stony	B/D	2.3	0.8%
60B	Canton and Charlton fine sandy loams, 3 to 8 percent slopes	B	39.7	14.3%
60C	Canton and Charlton fine sandy loams, 8 to 15 percent slopes	B	29.4	10.7%
60D	Canton and Charlton soils, 15 to 25 percent slopes	B	3.6	1.3%
62C	Canton and Charlton fine sandy loams, 3 to 15 percent slopes, extremely stony	B	25.2	9.1%
62D	Canton and Charlton fine sandy loams, 15 to 35 percent slopes, extremely stony	B	24.0	8.7%
73C	Charlton-Chatfield complex, 0 to 15 percent slopes, very rocky	B	14.3	5.2%
73E	Charlton-Chatfield complex, 15 to 45 percent slopes, very rocky	B	5.2	1.9%

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
84B	Paxton and Montauk fine sandy loams, 3 to 8 percent slopes	C	29.8	10.8%
84C	Paxton and Montauk fine sandy loams, 8 to 15 percent slopes	C	29.6	10.7%
84D	Paxton and Montauk fine sandy loams, 15 to 25 percent slopes	C	1.8	0.6%
85C	Paxton and Montauk fine sandy loams, 8 to 15 percent slopes, very stony	C	0.4	0.1%
86C	Paxton and Montauk fine sandy loams, 3 to 15 percent slopes, extremely stony	C	8.1	2.9%
306	Udorthents-Urban land complex	B	0.3	0.1%
308	Udorthents, smoothed	C	1.2	0.4%
W	Water		3.2	1.2%
Totals for Area of Interest			**276.4**	**100.0%**

Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

Rating Options

Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

Tie-break Rule: Higher