Stormwater Management Checklist

| | SITE PLAN REVIEW APPLICATION | | | Project Name | | Seacoast OPM Realty, LLC | | | | | |
|-----|------------------------------------|---|--|--------------|---------------------|--------------------------|-------------|----------------|--|--|--|
| | Dat | Date of Submittal 11/18/2014 | | | Applicant's Name | | Seacoast OF | PM Realty, LLC | | | |
| | Eng | Engineer Dennis Quintal, PE | | | Arc t | hitec | Nick Isaak | | | | |
| | Nev | w Development | | | | Re-De | evelopment | | | | |
| | Tot | al Aı | rea of Disturbance 48,500 | Square | e Fee | t (SF) | | | | | |
| | | | < 10,000 SF and No Water Quality Threat {No Stormwater Management Plan Required} | | | | | | | | |
| | | < 10,000 SF and Possible Water Quality Threat {Stormwater Management Plan Required} | | | | | | | | | |
| | | > 10,000 SF {Stormwater Management Plan Required except as provided for in 9.03 | | | | | | | | | |
| | | (A) with an approved AOT permit} | | | | | | | | | |
| STO | TORMWATER MANAGEMENT PLAN – PART I | | | | | | | | | | |
| | EX | ISTING CONDITIONS PLAN | | | | | | | | | |
| | | Title Block, Appropriate Scale, Legend, Datum, Locus Plan, Professional Stamp(s) | | | | | | | | | |
| | | Topographic Contours and benchmarks | | | | | | | | | |
| | | Buildings, Structures, Wells, Septic Systems, Utilities | | | | | | | | | |
| | | Water Bodies, Wetlands, Hydrologic Features, Soil Codes, Buffer Zone | | | | | | | | | |
| | | Area of Impervious Surface 14,638 SF | | | | | | | | | |
| | | Tota | Total Area of Pavement 9,629 SF Area of Pervious Pavement 0 SF | | | | | | | | |
| | PR | OPOSED CONDITIONS PLAN (include above existing and below proposed tures) | | | | | | | | | |
| | feat | | | | | | | | | | |
| | | Title Block, Appropriate Scale, Legend, Datums, Locus Plan, Professional Stamp(s) | | | | | | | | | |
| | | Topographic Contours and benchmarks | | | | | | | | | |
| | | Buildings, Structures, Wells, Septic Systems, Utilities | | | | | | | | | |
| | | Water Bodies, Wetlands, Hydrologic Features, Soil Codes, Buffer Zone | | | | | | | | | |
| | | Impervious Surface Area 28,986 SF Impervious Surface Increase 11,426 SF | | | | | | <u> </u> | | | |
| | | Total Area of Pavement 21,055_SF Area of Pervious Pavement <u>0</u> SF | | | | | | | | | |
| | | Effective Impervious Area (EIA) 26,641 SF | | | | | | | | | |
| | | Stormwater Management & Treatment System (Describe System Elements Below) | | | | | | | | | |
| | | □ Name of Receiving Waterbody Ellison Brook | | | | | | | | | |
| | | | Closed Drain & Catch Basin Network Connected to Town Closed System | | | | | | | | |
| | | | ☐ Detention Structure Types Bioretention Area | | | | | | | | |
| | | | Structural BMP Types N/A | | | | | | | | |
| | | LID Strategies | | | | | | | | | |
| | | N/A | | | | | | | | | |
| | | | Estimated Value of Parts to be Town Owned and/or \$0 | | | | | | | | |

| | | Maintained | | | | | | | | | | |
|--------------------------------------|--|---|-------------------------|----------------------------|------------------|-----|--|--|--|--|--|--|
| STORMWATER MANAGEMENT PLAN – PART II | | | | | | | | | | | | |
| | DRAINAGE ANALYSIS | | | | | | | | | | | |
| | 24-Hour Storm Event | | Runoff | Pre-Development | Post-Development | | | | | | | |
| | | 1-inch Rate 0.04 Feet ³ /Sec (CFS) | | 0.07 CFS | | | | | | | | |
| | | 1-inch | Volume | 653 Feet ³ (CF) | 827 CF | | | | | | | |
| | | 2-Year | Rate | 5.44 CFS | 5.01 CFS | | | | | | | |
| | | 2-Year | 2-Year Volume 21,475 CF | | 22,390 CF | | | | | | | |
| | | 10-Year | Rate | 11.86 CFS | 10.74 CFS | | | | | | | |
| | | 10-Year | Volume | 44,649 CF | 45,912 | CF | | | | | | |
| | | 25-Year | Rate | 17.58 CFS | 15.83 (| CFS | | | | | | |
| | | 25-Year | Volume | 65,732 CF | 67,169 | CF | | | | | | |
| | | 100-Year | Rate | 29.83 CFS | 27.52 (| CFS | | | | | | |
| | EROSION & SEDIMENT CONTROL PLAN | | | | | | | | | | | |
| | OTHER PERMITS OR PLANS REQUIRED BY USEPA or NHDES (Where applicable) | | | | | | | | | | | |
| | | □ USEPA Pre- and Post-Construction Stormwater Pollution Prevention Plan | | | | | | | | | | |
| | | □ NHDES Alteration of Terrain Permit | | | | | | | | | | |
| | | Other (Please list) | | | | | | | | | | |
| | OPERATION & MAINTENANCE PLAN | | | | | | | | | | | |
| | Need for 3 rd Party Review? YES NO | | | | | | | | | | | |