

OPERATION & MAINTENANCE PLAN
5-7 Turkey Shore Rd. ADU

After the infiltration drainage and rain garden are established and the site is fully stabilized with new grass and mulch, the operation and maintenance phase begins.

Regular maintenance of the infiltration drainage components will be important to ensure their functions are supported over the long term. This shall include the following actions:

1. The eave dripline shall be checked on a seasonal basis and kept free of organic debris and any weed encroachment.
2. The overflow outlet of the 4” perforated drain entering the rain garden shall be protected with galvanized wire mesh so no obstructions can develop inside.
3. The rain garden shall be weeded as necessary to keep it free of plants that can interfere with the healthy growth of the perennials. The perennials must also be managed so as not to choke each other out and keep the garden healthy and attractive. A fresh layer of bark mulch at least once a year is also strongly recommended. Of course, dead growth must be cut back after any seed heads have been consumed by birds.
4. The NDS drain inlet shall be kept free of debris to maintain its function. Its sump must also be cleaned out at least once per season, or as required. The grassed swale leading to its inlet must also be maintained to flow freely.
5. The existing catch basin inlets in Turkey Shore Road shall be checked regularly and kept free of surface blockages such as leaves and other debris to allow them to function at full capacity when required.
6. Snow removal shall take place in a systematic fashion, holding plow blades (or snowblower inlets) slightly above the gravel surface. Snow shall not be stockpiled over the rain garden, NDS inlet or street catch basin. Warning stakes shall be installed in those locations prior to the snow removal season.

