New Jersey Department of Agriculture
Hydrologic Modeling Database – Data Entry Form

Project Site Details

Chpt. 251 Application Number:

Start Date (if known):

Street Address: 5 Meadow Street

County: Hudson

Municipality: Bayonne

Block: 460

Lot: 1 & 2

NJDEP Anderson Landuse Code (4 digits): 1100

Landuse description: A new four-story residential building with ground floor parking will be constructed on a site occupied by a two story stucco building and a one story masonry car garage.

Site Centroid Location (NJ State Plane Feet): 1

Northing: 598,567.00 Easting: 665,405.06

Project Contact Details

Applicant: OM Shiva Bayonne LLC

Address: 21A Mount Washington Drive, Clifton, NJ 07013

Phone: 201-893-0208

Email: P_SAVALIYA@YAHOO.COM

Post Construction Operation & Maintenance: 2

Party Name: OM Shiva Bayonne LLC

Address: 21A Mount Washington Dr, Clifton, NJ 07013

Phone: 201–893-0208

Email: P_SAVALIYA@YAHOO.COM

Party type (HOA, government, private, etc): private
Basin Details:

Basin Centroid (NJ State Plane Feet):
Northing: 598,559.39 Easting: 665,384.79

Basin Type: detention

Construction: excavated

Status phase: Design [X] As-built [ ]

Dam Height (ft) N/A top width (ft)

Dam Classification: choose an item

Drainage Area(s) to Basin [note- include any bypass areas]

<table>
<thead>
<tr>
<th>Drainage Area Name</th>
<th>Drainage Area (acres)</th>
<th>Post-Development CN#</th>
<th>Percent Impervious</th>
<th>Time of Concentration (min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>0.155</td>
<td>96</td>
<td>0.139</td>
<td>10</td>
</tr>
</tbody>
</table>

Basin Outlet Structure(s)

ID:

End of Pipe Location:
Northing: 598,523.89 Easting: 665,395.76

<table>
<thead>
<tr>
<th>Discharge Type (weir, orifice, etc)</th>
<th>Dimensions (diameter, length)</th>
<th>Elevation (USGS)</th>
<th>Discharge Coefficient</th>
<th>Equation Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orifice</td>
<td>6&quot;</td>
<td>5.00</td>
<td>0.01</td>
<td>Orifice</td>
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</tbody>
</table>
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Basin Outlet Structure(s)

ID:

End of Pipe Location: Northing: Easting:

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Basin Stage-Discharge Rating Table

<table>
<thead>
<tr>
<th>Elevation (USGS Feet)</th>
<th>Storage (Acre-Feet)</th>
<th>Total Outlet Structure Discharge (cfs)</th>
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<tbody>
<tr>
<td>5.0</td>
<td>2,135.0</td>
<td>0.111</td>
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**NJDEP BMP Water Quality Structures**

<table>
<thead>
<tr>
<th>Type</th>
<th>Size</th>
<th>Size Units (cu ft, sq ft etc)</th>
<th>Northing (SPF)</th>
<th>Easting (SPF)</th>
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**Explanatory Notes-**

1. Approximate location of center of site, coordinates in state plane feet
2. Indicate who will be responsible for permanent operation and maintenance
3. Additional Basin Detail Pages can be used for more than one basin in a project.
4. Approximate location of center of basin, coordinates in state plane feet
5. Indicate “design” for basins not yet constructed
6. Drainage areas which are modified by construction, but not directed to the basin should still be listed and described
7. “Outlet structure” means the control box, outlet headwall, FES etc. This does not refer to an individual control on the structure such as a weir or orifice. There are two tables for more than one outlet structure
8. Approximate location of terminal discharge end of basin outfall, coordinates instate plane feet
9. Indicate the type of outlet – weir, orifice, hydro brake, etc.
10. Discharge Coefficient specific to the type of outlet control i.e., 0.6 for circular orifice
11. List the discharge equation for each outlet (weir, orifice etc) used
12. For basins with dead storage below the primary outlet, indicate 0 cfs discharge until the lowest outlet is reached. Routing table should begin at the lowest basin elevation.
13. Describe NJDEP BMP Manual water quality devices such as seepage pits, rain gardens etc. Size is appropriate for device – cubic feet, square feet or linear feet. Location of device using state plane feet coordinates.