

**Langton Shores Campus Redevelopment
City of Roseville
Stormwater Best Management Practice
Operations & Maintenance Plan**

**Prepared by
Sambatek, Inc.
04/29/2020**

City Project #18-44
Sambatek Project #21389.01

Operations and Maintenance Plan – NURP Pond

Legal Description:

That part of the following described property lying North of a line parallel to and 372.36 feet North of the south line of the North Half of the Northwest Quarter of Section 4, Township 29, Range 23, in Ramsey County, Minnesota:

The East 250 feet of the North 400 feet of that part of the Northeast Quarter of the Northwest Quarter of Section 4, Township 29, Range 23, lying West of the Land platted as Lake Johanna Homes;

AND

That part of the North Half of the Northwest Quarter of Section 4, Township 29, Range 23, lying West of said Lake Johanna Homes and East of a line extending from a point on the south line 1101.57 feet from the southwest corner to a point on the north line 1102.68 feet from the northwest corner of said North Half of the Northwest Quarter, EXCEPT the North 400 feet.

Contact:

Company

Name

Address

City, State, Zip

BMP Description:

NURP Pond

Outlet Control Structure with Sump & Hood (OCS 701)

Maintenance Tasks and Timeline

Tasks	Frequency and Comments
Debris clean out	Monitor in spring and fall, and additionally as needed
Sediment removal	Monitor sediment build up annually, clean out when sediment occupies 30% of dead storage volume of pond
Vegetation	Monitor annually in spring, additionally as needed until vegetation is established, remove undesirable vegetation as needed in the NURP Pond
FES Inlets	Monitor annually and repair as needed
Outlet	Monitor annually and repair as needed
Storm sewer system	Monitor annually and remove sediment as needed
Outlet Control Structure (OCS 701)	The inspection, and any subsequent maintenance, will be reported to the city on an annual basis using documentation that includes all pertinent information. Visual inspection of OCS 701 shall be on a bi-annual basis. Clean out OCS 701 every 5 years minimum or on an as needed basis where sediment has accumulated following bi-annual inspections.

NURP Pond Maintenance Inspection Checklist – Page 1 of 2

Project:	
Location:	
Site Status:	
Date:	
Time:	
Weather:	Rainfall over previous 2-3 days? Y / N
Reading from closest NOAA reporting station: _____	”
NURP Pond Location:	
Inspector:	

Mark items in the table below using the following key:

- X Needs immediate attention
- NA Not Applicable
- Okay
- ? Clarification required

NURP COMPONENTS	CHECKED		MAINTENANCE NEEDED		INSPECTION FREQUENCY
	Y	N	Y	N	
DEBRIS CLEANOUT					A, AMS
Basin clean of debris					
Basin clean of yard waste					
VEGETATION					A, AMS
No evidence of erosion					
Plant composition according to plan					
Noxious plants or weeds removed					
SEDIMENTATION					A
Monitor sediment accrual					
OUTLETS/EMERGENCY OVERFLOW					A, AMS
Structure not in need of repair					
No evidence of erosion					
No evidence of blockage					
STORM SEWER					A
Monitor sediment accrual					

Inspection Frequency Key A=Annually M=Monthly AMS=After Major Storm

