

Region NER County Door Report Date 197x? Classification LAL

Water Body: Maple Creek (a.k.a. Donlan's Creek?)

Discharger: Sevastopol WWTP

If stream is classified as Limited Forage Fish (LFF) or Limited Aquatic Life (LAL), check any of the following Use Attainability Analysis factors that are identified in the classification report:

- Naturally occurring pollutant concentrations prevent the attainment of use
- Maple Creek is reported to be dry except during wet periods of the year.
Natural, ephemeral, intermittent or low flow conditions or water levels prevent the attainment of the use, unless these conditions may be compensated for by the discharge of sufficient volume of effluent discharges without violating State water conservation requirements to enable uses to be met
- Human caused conditions or sources of pollution prevent the attainment of the use and cannot be remedied or would cause more environmental damage to correct than to leave in place
- Dams, diversions or other types of hydrologic modifications preclude the attainment of the use, and it is not feasible to restore the water body to its original condition or operate such modification in a way that would result in the attainment of the use
- Physical conditions related to the natural features of the water body, such as the lack of a proper substrate, cover, flow, depth, pools, riffles, and the like, unrelated to water quality, preclude attainment of aquatic life protection uses
- Controls more stringent than those required by sections 301(b) and 306 of the Act would result in substantial and widespread economic and social impact

Supporting Evidence in the report (include comments on how complete/thorough data is)

- Biological Data (fish/invert) None presented.
- Chemical Data (temp, D.O., etc.) None presented.
- poor Physical Data (flow, depth, etc.) Creek is described as dry part of the year. No flow data presented.
- Habitat Description None presented
- Site Description/Map Map. Report describes how creek flows through marshy area into Mud Lake.
- Other: _____

Historical Reports in file:

- Classification of Maple Creek for Sevastopol Sewage District #1, Sturgeon Bay, WI.
No date provided, but the report look similar to several others prepared in 1970s.
- 1 map, 3 photos

Additional Comments/How to improve report:

The report states that the Sevastopol stabilization ponds have not had any discharge. Is this still true? Has the facility been updated? File could use biological, chemical, and habitat data. If Stream no longer goes dry.

Sevastopol S.D. #1

Sturgeon Bay, Wisconsin

The Sevastopol stabilization ponds have not had a discharge since they were placed into operation. If a discharge should occur, the pond effluent would enter Maple Creek which is dry except for wet periods during the year. Approximately 0.5 miles downstream of the STP Maple Creek enters a marshy area which feeds into Mud Lake. Mud Lake, in turn, discharges to Shimmering Sands Creek which flows into Lake Michigan about 0.75 miles below Mud Lake. Both Mud Lake and Shimmering Sands Creek have water in them year round and provide spawning grounds for some fish.

Recommendations

Maple Creek should be classified as non-continuous/marginal to the center of Section 19. The area from the center of Section 19 to Mud Lake should be classified as wetlands. Mud Lake should be classified as a lake and Shimmering Sands Creek as continuous/fish and aquatic life.

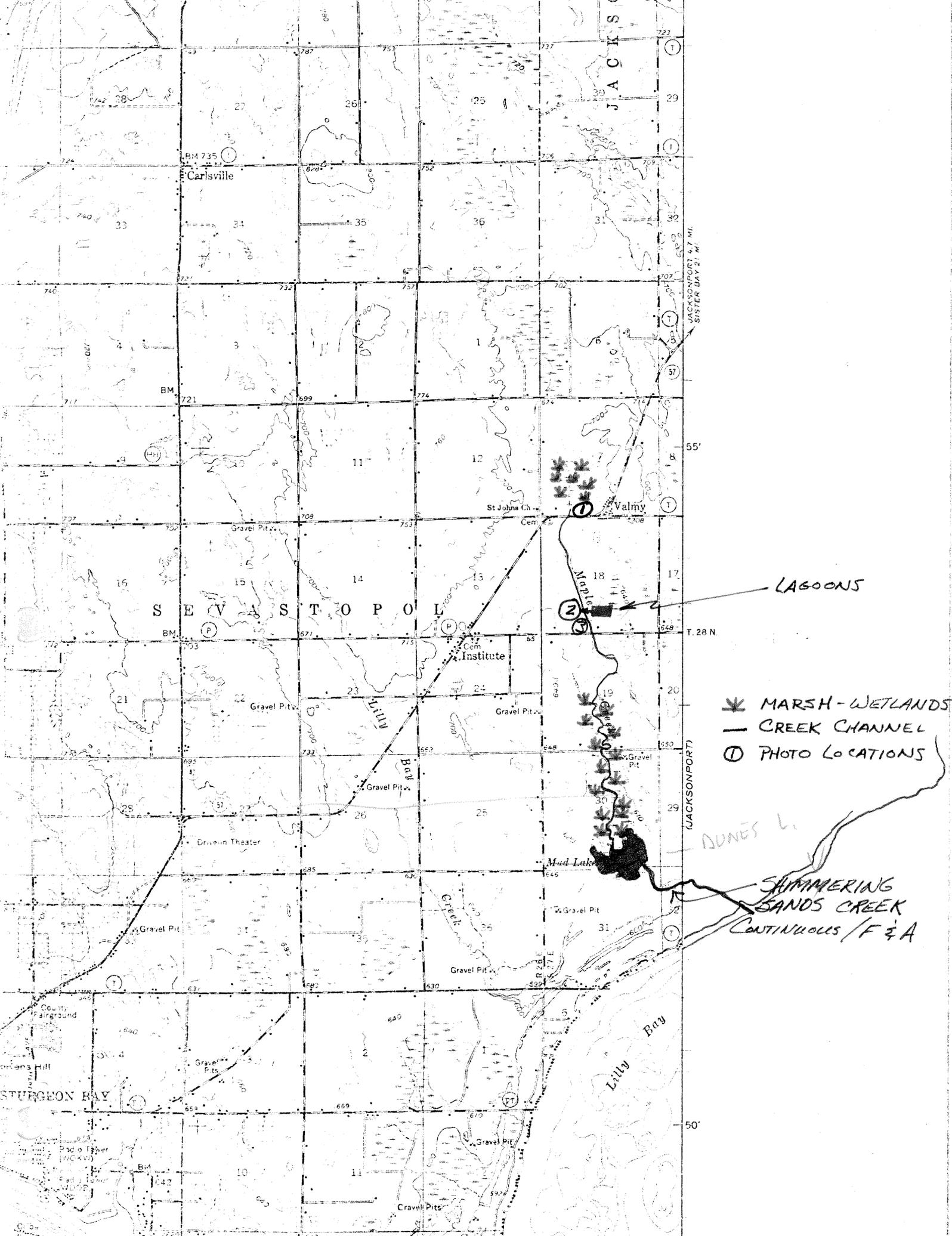


Dan Uhl
District Engineer



Dennis Weisensel
District Biologist

DU:DW:sh



BM 735
Carlsville

BM

S E V A S T O P O L

BM

Institute

St John's Ch

Valmy

JACKSONPORT 4.7 MI.
SISTER BAY 21 MI.

T. 28 N.

JACKSONPORT

STURGEON BAY

JACKSONPORT

50'

LAGOONS

-  MARSH-WETLANDS
-  CREEK CHANNEL
-  PHOTO LOCATIONS

DUNES LI.

SHIMMERING SANDS CREEK CONTINUOUS / F & A

Lally Bay

Mud Lake

Lally Bay

Gravel Pit

Drive-in Theater

Gravel Pit

Gravel Pits

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Gravel Pit

BM 735

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BM

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Drive-in Theater

Gravel Pit

Gravel Pits

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Gravel Pit

BM 735

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Drive-in Theater

Gravel Pit

Gravel Pits

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Gravel Pit



1 Sevastopol S. D. #1
Approximately 1 mile
above the STP,
looking upstream at
the headwaters of
Maple Creek

#2 Sevastopol S. D. #1

STP outfall, looking
upstream



3 Sevastopol S. D. #1
~ 50 feet below the
STP outfall, looking
downstream