

CHAPTER 7: SOURCES OF POLLUTION

J. STATE POLLUTANT DISCHARGE ELIMINATION SYSTEM (SPDES) PERMITS

INTRODUCTION

The State Pollutant Discharge Elimination System (SPDES) permit is a contract between the New York State Department of Environmental Conservation (NYSDEC) and any facility discharging wastewater directly into surface or groundwater. SPDES permit data is contained within the State Permitting System on a computerized system called the Permit Compliance System (PCS). SPDES permit data for this report was obtained from the NYSDEC Region 8 and state office.

SPDES permits are divided into two categories: significant and non-significant. Significant discharges are those facilities with large amounts of wastewater discharge or wastewater that contains toxic substances.

SPDES permits are issued for five years. During issuance and/or permit renewal the public can examine and comment on the permit's condition and limits prior granting the permit. The permit renewals appear in the NYS publication, entitled "Environmental Notice Bulletin" (ENB). Non-significant SPDES permits are administratively extended and/or renewed without review and without a site visit by NYSDEC. Public comment is still permitted prior to issuing a permit.

Significant SPDES permits require the permit holder to sample, analyze and report regularly to NYSDEC the amount of controlled pollutant(s) they discharge, which is also the only pollutant(s) they are allowed to discharge. State certified laboratories must be used for all wastewater analysis. Owners or operators of these facilities must treat wastewater so they do not exceed the limits listed in the approved SPDES permit. Only significant SPDES permits are entered in NYS DEC computer database. Inspection of significant SPDES permit facilities occurs yearly by NYSDEC. Spot checking and independent sampling is also done by the NYS DEC.

Non-significant SPDES permits also require the permit holder to sample and analyze pollutant discharge but they are not obligated to report to the NYSDEC. Sampling data is required to be kept on the facility site. As a result, the actual sampling results of the wastewater from non-significant facilities are not available for review. NYSDEC regional office keeps the original hard copy application on all of the non-significant facilities.

RESULTS

There are 80 significant SPDES permits listed on the State Permit Compliance System within the Seneca Lake watershed.

SPDES facilities discharge into two types of receiving waters: ground or surface. Of the 80 SPDES permits, 29 discharge to groundwater (i.e. leach field system) and 51

discharge into surface waters. Twenty-one discharge directly into Seneca Lake. Table 7J.1. and Table 7J.2. list SPDES permits in the Seneca Lake watershed. Table 7J. 3. shows both permits by sub-watershed.

Table 7J.1. SPDES in the Seneca Lake Watersheds

Sub-watershed & DD	Permit Number	Facility	Address	County	Drains To	Class	Toxic	Design Flow	Receiving Waters
Benton DD	0228834	Andersen Residence	391 Beattie Point R	Yates	02	02	N	0.0003	Seneca Lake
Big Stream	0228931	The Windmill-Farm &	Route 14A & Hobson	Yates	02	02	N	0.0020	Roadside Ditch
Big Stream	0229237	Shirk Custom Butche	John Green Rd.	Yates	01	02	N	0.0011	Groundwater
Big Stream	0025445	Dundee (V) Wastewat		Yates	02	05	N	0.3000	Big Stream
Big Stream	0109908	Seneca Foods Corpor	74 Seneca Street	Yates	01	04	Y	0.0034	Groundwater
Catharine Creek	0083097	Catherine Mobile Ho	1890 Johnson Hollow	Chemung	01	02	N	0.0115	Groundwater
Catharine Creek	0228214	Brookhaven Mobile H	5714 Main St. Route	Chemung	01	02	N	0.0018	Groundwater
Catharine Creek	0021865	Montour Falls (V) S		Schuyler	02	07	N	0.1800	Catherine Creek
Catharine Creek	0063009	Watkins Glen KOA Ca	Route 414	Schuyler	01	02	N	0.0127	Groundwater
Catharine Creek	0160997	Watkins Glen Intern		Schuyler	02	02	N	0.0200	Hamilton Creek
Catharine Creek	0077089	Chef's Fine Food	Route 14	Schuyler	02	02	N	0.0022	Bad Indian Swamp
Catharine Creek	0229555	Smith's Odessa Busy	102-104 Main St.	Schuyler	02	10	Y	0.0000	Catlin Mill Creek
Catharine Creek	0161063	Larison's Poultry	Grant Road	Schuyler	01	01	N	0.0065	Groundwater
Catharine Creek	0162965	Odessa-Montour Jr-S	College Ave	Schuyler	01	02	N	0.0124	Groundwater
Catharine Creek	0020524	Watkins Glen (V) Se	303 N Franklin Stre	Schuyler	02	05	N	0.7000	Seneca Lake
Catharine Creek	0002241	Cargill Salt Co.	518 E. Fourth St.	Schuyler	02	01	N	13.3000	Seneca Lake
Catharine Creek	0002330	U.S. Salt Corp.	Salt Point Road	Schuyler	02	03	Y	9.6497	Seneca Lake
Catharine Creek	0099171	Watkins Glen State		Schuyler	01	02	N	0.0435	Groundwater
Catharine Creek	0064009	Watkins Glen KOA Ka	Route 414 South	Schuyler	01	02	N	0.0000	Groundwater
Catharine Creek	0245542	Sydney Place Apartm	Sydney Place	Schuyler	01	02	N	0.0014	Groundwater
Catharine Creek	0228885	Twin Ponds Campgrou	County Road 16	Schuyler	01	02	N	0.0084	Groundwater
Catharine Creek	0228745	Wesleyan Church Cam	Campground Road	Schuyler	01	02	N	0.0012	Groundwater
Catharine Creek	0062740	Stockade Trailer Pa	County Rd # 16	Schuyler	01	02	N	0.0010	Groundwater
Catharine Creek	0062731	Wildwood Mobile Hom		Schuyler	01	02	N	0.0000	Groundwater
Geneva DD	0160709	Zotos International	Box 71 Forge Ave.	Ontario	01	04	N	0.0200	Groundwater
Geneva DD	0027049	Marsh Creek WWTP	Forge Ave	Ontario	02	05	N	4.0000	Seneca Lake
Geneva DD	0229059	Atlantic Service St	14 Exchange St.	Ontario	01	10	Y	0.0220	Trib to storm sewer
Geneva DD	0072257	Seneca Foods Corp.	100 Gambee Road	Ontario	02	01	N	1.0700	Marsh Creek
Geneva DD	0099147	Seneca Lake State P		Seneca	02	02	N	0.0199	Groundwater
Indian Creek	0160407	Seneca County Sewer		Seneca	02	07	N	0.0000	Seneca Lake
Kashong Creek	0245712	Miller's Essenhaus	Route 14A	Yates	01	02	N	0.0020	Groundwater
Keuka Lake Outlet	0002097	Transelco Div of Fe	Perry Point Road	Yates	01	01	N	0.0630	Seneca Lake
Keuka Lake Outlet	0001325	NYSEG - Greenidge S	Route 14	Yates	02	03	Y	#####	Keuka Lake Outlet
Keuka Lake Outlet	0029726	Penn Yan (V) Sewage		Yates	02	05	N	1.8000	Keuka Outlet
Keuka Lake Outlet	0228541	Hostel # 8260	Seneca St.	Yates	01	02	N	0.0023	Groundwater
Keuka Lake Outlet	0063568	Seneca View Mobile	RD #1, Route 14	Yates	01	02	N	0.0200	Groundwater

Table 7J.1 (Continued)

Sub-watershed & DD	Permit Number	Facility	Address	County	Drains To	Class	Toxic	Design Flow	Receiving Waters
Lodi Point	0160041	Lodi Fire Hall	North Main St	Seneca	01	02	N	0.0015	Groundwater
Lodi Point	0099163	Lodi Point State Pa		Seneca	02	02	N	0.0014	Seneca Lake
Long Point	0227871	Long Point Camp	Long Point Road	Yates	02	02	N	0.0190	Seneca Lake trib
Long Point	0159573	Camp Whitman	Leach Road	Yates	02	02	N	0.0130	Seneca Lake trib
Long Point	0081523	Camp Seneca Lake		Yates	02	02	N	0.0045	Seneca Lake trib
Plum Point	0162141	Seneca Drums Mobile	Plum Point Road	Yates	01	02	N	0.0090	Groundwater
Plum Point	0088781	Eagle Hotel	3622 Lakemont Rd	Yates	01	02	N	0.0000	Groundwater
Plum Point	0166141	Seneca Drums MHP	Plum Point Rd.	Yates	01	02	N	0.0090	Groundwater
Reading DD	0228788	Winding Bluff	Hunt Road	Yates	01	02	N	0.0038	Groundwater
Reed Point DD	0089711	Good Time Charlie T	4450 West Lake Road	Ontario	02	02	N	0.0020	Wilson Creek trib
Sampson State Park DD	0021296	Seneca Depot Wastew	Wastewater Treatmen	Seneca	02	09	N	0.6250	Kendig Creek
Sampson State Park DD	0099121	Sampson State Park		Seneca	02	02	N	0.0500	Seneca Lake
Satterly Hill DD	0088790	Mattews Rental Cott	Willow Point Road	Schuyler	02	02	N	0.0018	Seneca Lake trib
Simpson Creek	0062758	Ovid Elementary - J	Main Street, Route	Seneca	02	02	N	0.0092	Simpson Creek
Simpson Creek	0030406	Willard Psychiatric		Seneca	02	02	N	0.8000	Seneca Lake
Sixteen Falls Creek DD	9501	Port Seneca Campgro	Porter Covert Rd.	Seneca	02	02	N	0.0012	Groundwater
Starkey DD	0227986	Starkey Point Estat	Strarkey Piont Road	Yates	01	02	N	0.0030	Groundwater
Sunset Bay DD	0161462	Crows Nest Restaura	415 Boody Hill Road	Seneca	02	02	N	0.0020	Seneca River
Wilcox Creek DD	0158721	Lakeside Cottage Co	East Lake Road	Seneca	01	02	N	0.0000	Groundwater
Wilson Creek DD	0101745	Robson Corp	Railroad Place	Ontario	01	04	N	0.0000	Groundwater
Wilson Creek DD	0092053	Robson Seed Farms L	Robson Rd.	Ontario	01	02	N	0.0030	Groundwater

Table 7J.2. Stormwater Permits for the Seneca Lake Watershed.

Subwatershed	Permit Number	Facility	Address	County	Receiving Waterbody
Big Stream	NYR00B384	SENECA FOODS CORP	74 SENECA ST	YATES	BIG STREAM
Catharine Creek	NYR00A528	CENTRAL ASPHALT	20 FAIRGROUND LN	SCHUYLER	SENECA LAKE
Catharine Creek	NYR00B089	CARGILL INC SALT DIVISION	518 E FOURTH ST	SCHUYLER	SENECA LAKE
Catharine Creek	NYR00B675	SHEPARD NILES INC	250 N GENESEE ST	SCHUYLER	SHEQUAGA CREEK
Geneva DD	NYR00A746	HB FULLER CO INC	61 GATES AVE	ONTARIO	SENECA LAKE
Geneva DD	NYR00A946	INTERNATIONAL PAPER	294 GAMBEE RD	ONTARIO	MARSCH CREEK
Geneva DD	NYR00B106	ZOTOS INTERNATIONAL INC	300 FORGE AVE	ONTARIO	SENECA LAKE VIAMARASH CR
Geneva DD	NYR00B265	BROWNING-FERRIS IND OF NY INC	54 DORAN AVE	ONTARIO	Unknown
Geneva DD	NYR00B389	SENECA FOOD CORP	100 GAMBEE RD BOX 388	ONTARIO	MARSH CREEK
Geneva DD	NYR00C009	UNITED PARCEL SERVICE	FORGE AVENUE EXTENSION	ONTARIO	MARSH CREEK
Geneva DD	NYR00C247	HOLTRACHEM INC	61 GATES AVE	ONTARIO	SENECA LAKE
Geneva DD	NYR00C270	GUARDIAN INDUSTRIES CORP	GENEVA INDUSTRIAL PARK	ONTARIO	MARSH CREEK
Geneva DD	NYR10A637	SENECA FOODS CORP	100 GAMBEE RD	ONTARIO	Unknown
Geneva DD	NYR10B001	GENEVA LAKEFRONT DEV	NYS RT 5 & 20 HAMILTON ST	ONTARIO	SENECA LAKE
Geneva DD	NYR10B007	GENEVA LAKEFRONT DEVELOPMENT	NYS RT 5 & 20 HAMILTON ST	ONTARIO	SENECA LAKE
Hector Falls Creek	NYR00B077	OTTATI JUNKYARD/DISMATLING	4950 NYS RT 414	SCHUYLER	UNNAMED DRAINAGEWAY
Keuka Lake Outlet	NYR00A765	LOCKWOOD ASH DISPOSAL FACILITY	SWARTHOUT RD	YATES	KEUKA OUTLET
Keuka Lake Outlet	NYR00B866	TRANSELCO DIV OF FERRO CORP	1789 TRANSELCO DR	YATES	SENECA LAKE
Keuka Lake Outlet	NYR10A206	TARTARY COMMONS	MACE ST	YATES	KEUKA LAKE OUTLET
Long Point DD	NYR10B235	YATES COUNTY TORREY LANDFILL	309 LONG POINT RD	YATES	SENECA LAKE
Reading DD	NYR00B707	AKZO NOBEL SALT INC	SALT POINT RD	SCHUYLER	SENECA LAKE
Reading DD	NYR00B752	JAYNES AUTO PARTS	PO BOX 15 RT 14A	SCHUYLER	Unknown
Reading DD	NYR00C297	CARGILL NORTH	SALT POINT RD PO BOX 110	SCHUYLER	SENECA LAKE
	NYR10A329	RT 414 PIN 6224.15	RT 79 TO HECTOR	SCHUYLER	SENECA LAKE
	NYR10A837	SENECA LAKE STORAGE PROJ-WEST	Unknown	SCHUYLER	VARIOUS

Table 7J.3. SPDES and Stormwater Permits by Sub-Watershed.

Sub-Watershed or DD	SPDES Permits	Stormwater Permits	Total Number
Catharine Creek	15	3	18
Geneva DD	5	11	16
Keuka Lake Outlet	5	3	8
Big Stream	4	1	5
Reading DD	1	3	4
Long Point DD	3	1	4
Plum Point Creek	3	0	3
Wilson Creek	2	0	2
Lodi Point	2	0	2
Sampson State Park DD	2	0	2
Simpson Creek	2	0	2
Sixteen Falls Creek DD	1	0	1
Hector Falls Creek		1	1
Indian Creek	1	0	1
Reed Point DD	1	0	1
Satterly Hill DD	1	0	1
Sunset Bay DD	1	0	1
Benton DD	1	0	1
Kashong Creek	1	0	1
Wilcox Creek DD	1	0	1
Starkey DD	1	0	1

There are no facilities with SPDES permits located within the Rock Stream, Reeder Creek, Kendaia Creek, Mill Creek, Lamoreaux Landing DD, Valois DD, Sawmill/Bullhorn Creek, or Glen Eldridge sub-watersheds or DD's.

Table 7J.4. Key to SPDES Permits Tables

Field	Description	Field	Description	Field	Description
Class		Toxicity		Design Flow	
	Non-significant Industrial (04)		Non-toxic (N)		Maximum amount of waste water discharge for each
	Municipal (05,07)		Toxic (Y)		
	Institutional (09)				SPDES permit in
	Private (02)				Millions of gallons per day i.e. (.00030
	Industrial (01,03)				= 300 gallons)

Potential Pollution Problems By Sub-Watershed SPDES Permitted Facilities

