Instructions on how to identify if your facility discharges into an impaired waterbody & how to determine your facility's geographic coordinates

The following instructions will help MSGP owners/operators use the reference tool to determine if their facility discharges into an impaired waterbody that is included on either the 303(d) list or is in a TMDL watershed. The map highlights only the impaired waterbodies that are subject to additional requirements of the SPDES Multi-Sector General Permit (MSGP).

These instructions will help to answer questions 6(a) and 7 on the SPDES MSGP Notice of Intent (NOI) form.

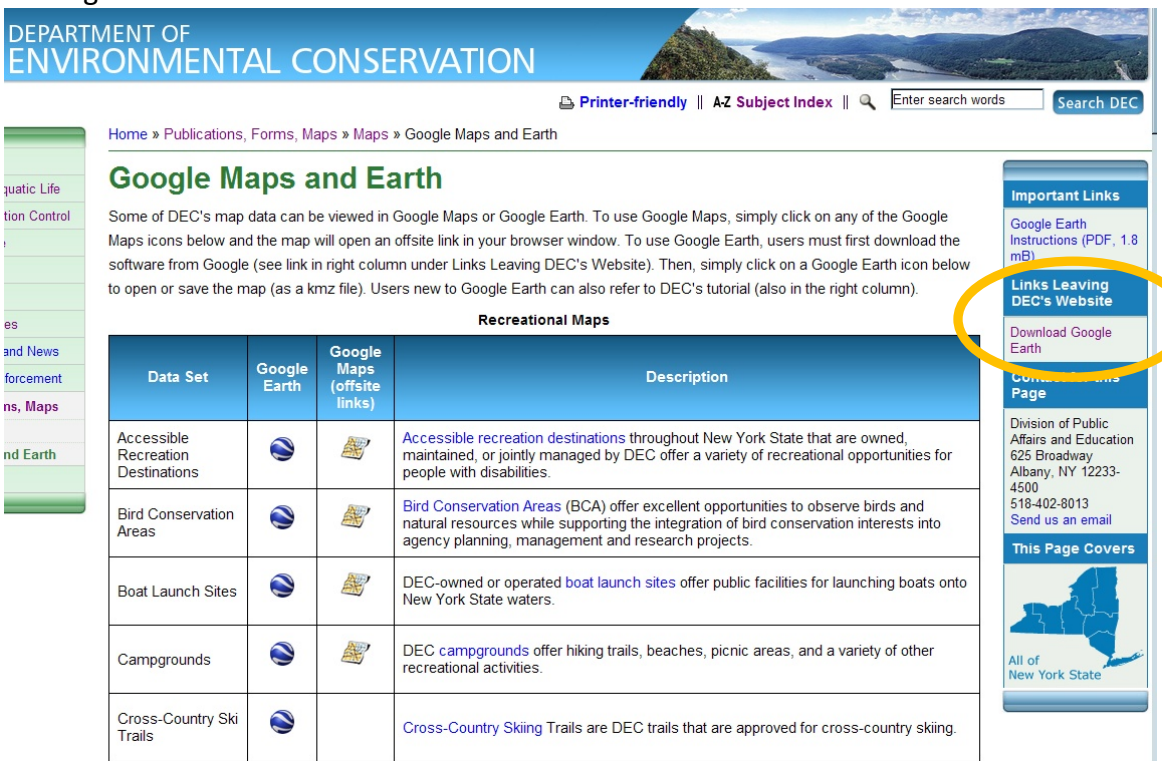
The owner/operator should verify that the waterbody identified using this reference tool is impaired by reviewing the New York State Section 303(d) List of Impaired/TMDL Waters.

Question 6(a) Instructions

1. **Go to DEC's Google Maps and Google Earth web page**
   http://www.dec.ny.gov/pubs/42978.html

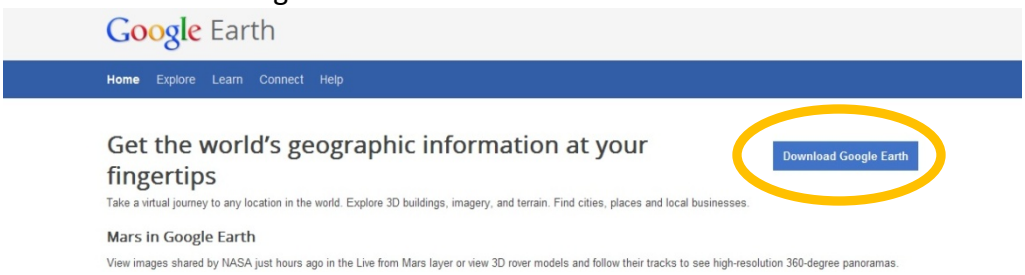
2. **Download Google Earth. If you already have Google Earth installed on your computer go to Step 3.**

   a. Find the "Download Google Earth" link in the right hand navigation column under "Links Leaving DEC's Website"



   b. Click the link, this will take you to Google Earth's download web page

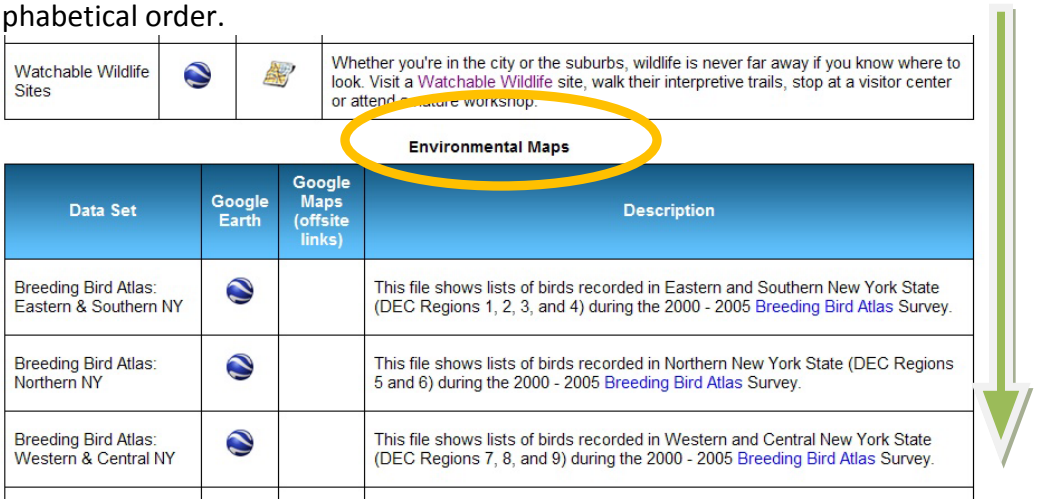
c. Click “Download Google Earth” and follow the instructions



d. Google Earth is now installed on your computer

3. Find the “Impaired Waterbodies Applicable to MSGP” Map on DEC’s Google Maps and Google Earth web page.

a. Scroll down the screen to locate the Environmental Maps table; maps are listed in alphabetical order.

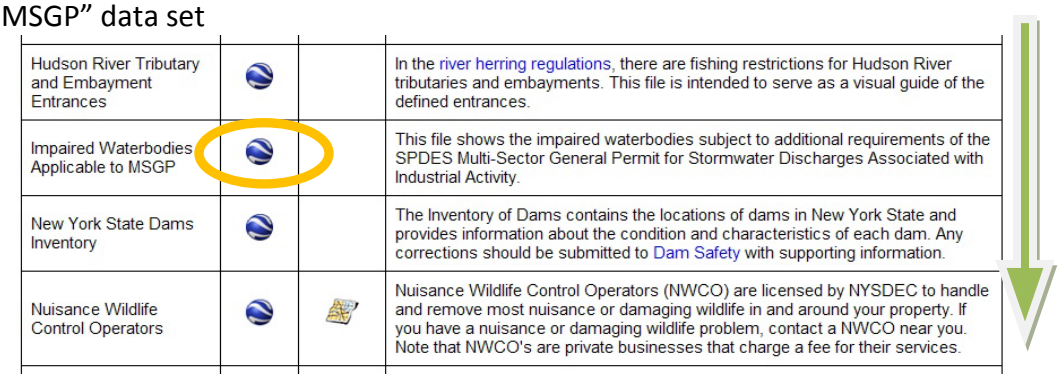


Watchable Wildlife Sites			Whether you're in the city or the suburbs, wildlife is never far away if you know where to look. Visit a Watchable Wildlife site, walk their interpretive trails, stop at a visitor center or attend a nature workshop.

Environmental Maps

Data Set	Google Earth	Google Maps (offsite links)	Description
Breeding Bird Atlas: Eastern & Southern NY			This file shows lists of birds recorded in Eastern and Southern New York State (DEC Regions 1, 2, 3, and 4) during the 2000 - 2005 Breeding Bird Atlas Survey.
Breeding Bird Atlas: Northern NY			This file shows lists of birds recorded in Northern New York State (DEC Regions 5 and 6) during the 2000 - 2005 Breeding Bird Atlas Survey.
Breeding Bird Atlas: Western & Central NY			This file shows lists of birds recorded in Western and Central New York State (DEC Regions 7, 8, and 9) during the 2000 - 2005 Breeding Bird Atlas Survey.

b. Click on the Google Earth icon (blue circle) for “Impaired Waterbodies Applicable to MSGP” data set

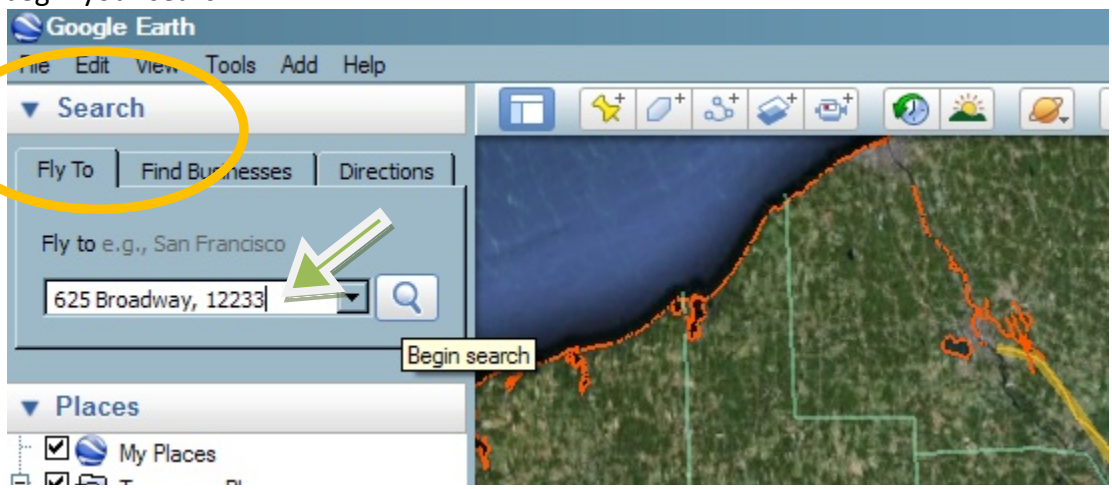


Hudson River Tributary and Embayment Entrances			In the river herring regulations, there are fishing restrictions for Hudson River tributaries and embayments. This file is intended to serve as a visual guide of the defined entrances.
Impaired Waterbodies Applicable to MSGP			This file shows the impaired waterbodies subject to additional requirements of the SPDES Multi-Sector General Permit for Stormwater Discharges Associated with Industrial Activity.
New York State Dams Inventory			The Inventory of Dams contains the locations of dams in New York State and provides information about the condition and characteristics of each dam. Any corrections should be submitted to Dam Safety with supporting information.
Nuisance Wildlife Control Operators			Nuisance Wildlife Control Operators (NWCO) are licensed by NYSDEC to handle and remove most nuisance or damaging wildlife in and around your property. If you have a nuisance or damaging wildlife problem, contact a NWCO near you. Note that NWCO's are private businesses that charge a fee for their services.

4. Google Earth will open and display the map

5. Search for your facility location

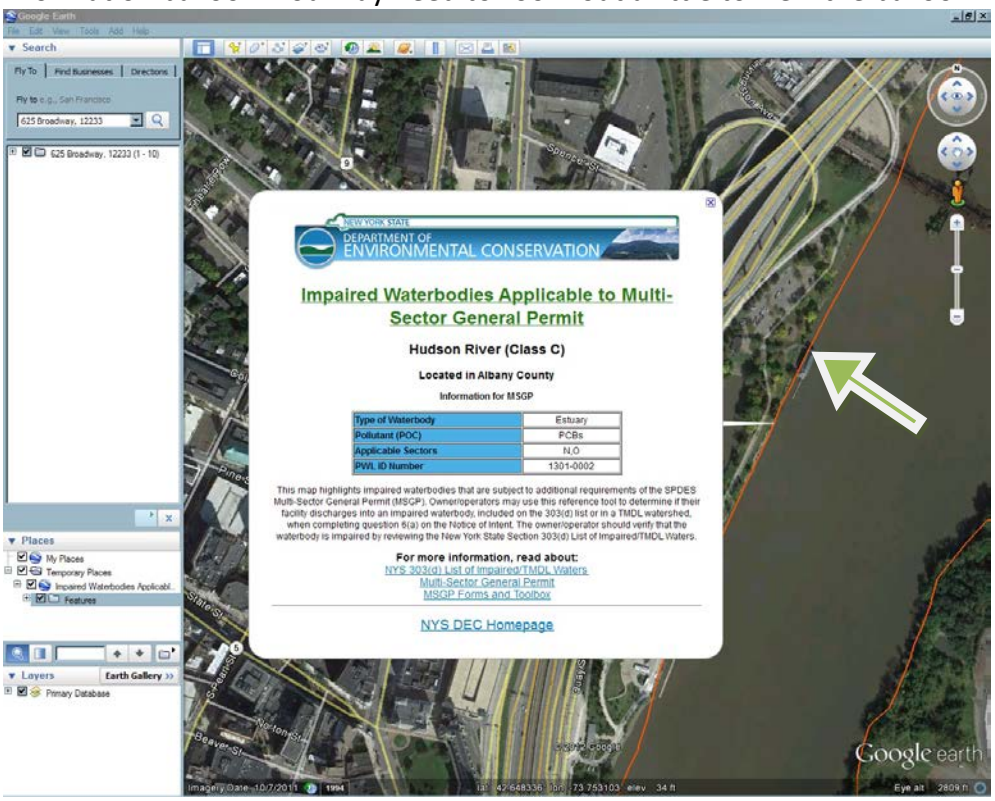
a. In the Search bar in the "Fly to" tab enter your facility address and zip code, click 🔍 to begin your search



b. Google Earth will "fly to" the location

6. Determine if your facility discharges into an impaired waterbody(ies)

a. Click on any orange line segments near your facility's location on the map to open the information balloon. You may need to zoom out a little to view the balloon.

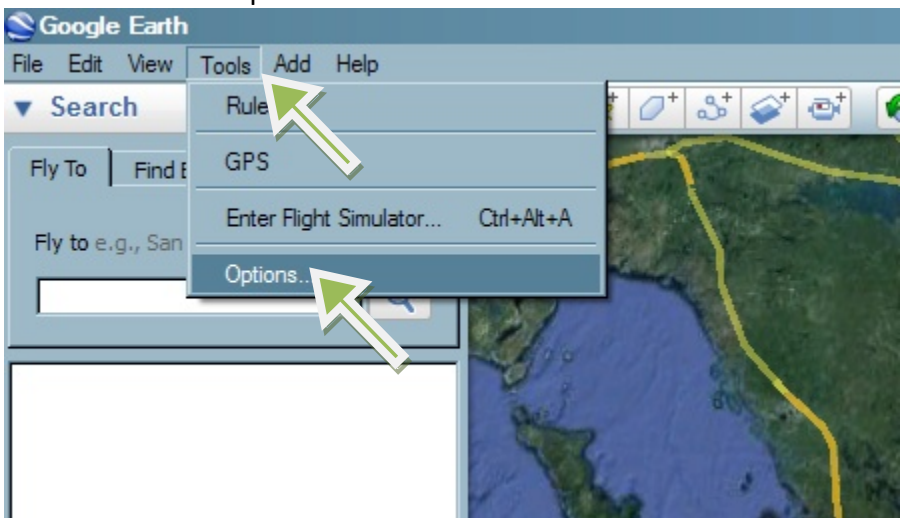


b. If the name(s) of the waterbody(ies) matches the waterbody(ies) listed on Question 3, select YES for Question 6(a).

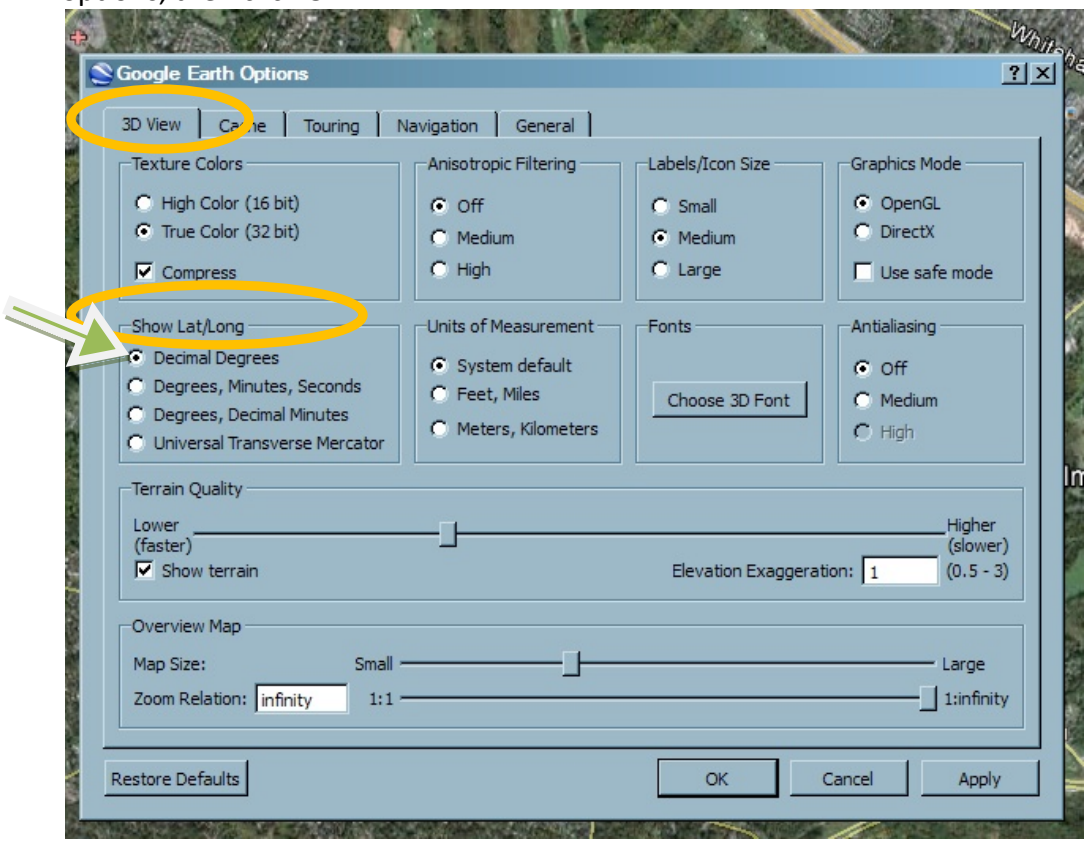
Question 7 Instructions

1. **Change the geographic coordinate units to Decimal Degrees; if you already did this, skip to Step 2.**

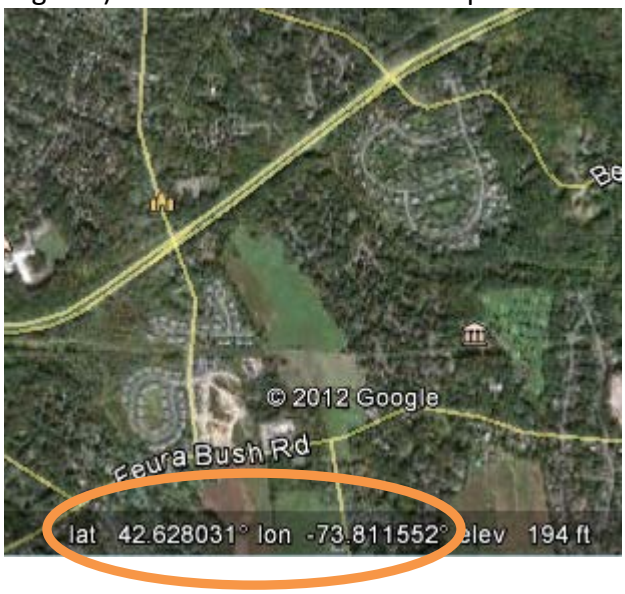
   a. Select Tools then Options

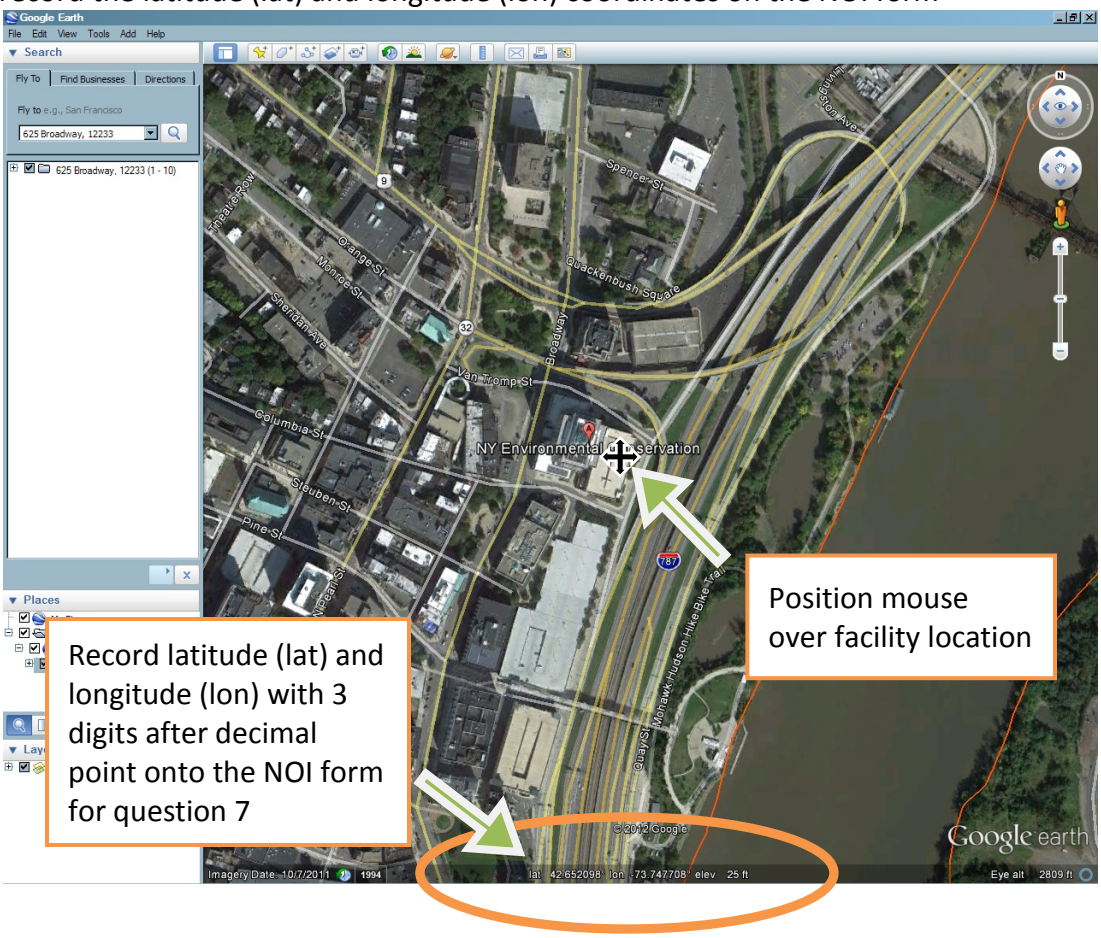


   b. Under the 3D View tab, select the Decimal Degrees radial button under Show Lat/Long options, then click OK



c. The geographic coordinate units will be displayed in the proper format (decimal degrees) near the bottom of the map



2. Move your mouse to your facility location (if you have not already searched the map for your facility, follow instructions 5a-b under the 6(a) instructions)

a. With the mouse positioned over the facility location and without moving the mouse, record the latitude (lat) and longitude (lon) coordinates on the NOI form