

SAMPLE 2007 ZEBRA & QUAGGA MUSSEL SURVEY FORM SAMPLE

Please complete this form in pencil or indelible pen using one form for each survey date and location.

Please take a new GPS reading even if you've sampled from this location before.

SURVEYOR INFORMATION:

First name:	SAMPLE	Last name:	FORM
E-mail address:	afaulds@psu.edu		
Area code and telephone:	(Work) 215-806-0894	(Cell)	215-806-0894
Street address:	1450 Edgmont Avenue, Suite 150		
City:	Chester	State:	PA
		Zip:	19311


SURVEY DATA:

Date of survey: (20-June-07)	20-May-07	Time:	10:30 AM	Name of Station:	Kaolin Dive Quarry
Name of waterbody:	Kaolin Quarry		County:	Chester	State: PA
If new location, nearest town and direction:	Avondale, PA is due north				
If new location, road crossing, route or street name:	Near Routes 7 and 41				
Location: Either decimal degrees Latitude	39.76719		Longitude -	75.730942	
OR degrees, minutes, seconds Latitude	(degrees)	(minutes)	(seconds) N		
Longitude	(degrees)	(minutes)	(seconds) W		
How were the lat. and long. determined?	Google Earth, Garmin GPS				
Method of survey: (check)	Scuba	Snorkel	Swim/wade	x	Dock Search x
Other:					
Approx. water visibility	10 (meters)	Approx. depths surveyed	(meters)		
How much time did you spend searching this location?	20 minutes				
Description of location and substrates examined. I examined around and under a dock and rocks, bottom substrate and driftwood along the shore.					
Were any Zebra or Quagga mussels found? (Yes / No) No					
If you find zebra or quagga mussels at a new location, please call Ann Faulds immediately 215-806-0894.					
Description the extent of infestation, and/ or other organisms present, comments, or observations: A large number of snails and sunfish were observed. Quite a busy diving quarry.					


Additional Physical, Chemical and Biological Data (Optional):

Temperature C	pH	Dissolved Oxygen (mg/l)	Conductivity (umhos/cm3)
Total Calcium (mg/l)	Secchi Depth (m)	Current Velocity (m/sec)	Water Depth (m)


Quagga Mussel
Dreissena rostriformis bugensis



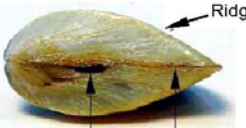
- Shell: D-shaped and triangular; thin, fragile; smooth or shallowly ridged; solid light to dark brown or dark concentric rings; paler near hinge
- Attaches to hard and soft surfaces




Zebra Mussel
Dreissena polymorpha



- Shell: D-shaped and triangular; thin, fragile; smooth or shallowly ridged; solid light to dark brown or striped
- Attaches to hard surfaces



Asian Clam
Corbicula fluminea



- Shell: fan-shaped and symmetrical; thick, hard; deep ridges; solid light to dark brown; may have a white patch near hinge
- Burrows into sand or mud; never attaches to structures
- Dead shells often found along shoreline

Illustration courtesy of California Department of Water Resources

SAMPLE

SAMPLE

You should receive an e-mail confirmation that we received your data. Thank you for your assistance!

SAMPLE

SAMPLE