

2005 PENNSYLVANIA MARINA SURVEY

INSTRUCTIONS:

Hello, I'm Sarah Whitney from Penn State University. I'm interviewing marina operators in Bucks, Philadelphia and Delaware County. We want to learn how we can help marinas and boaters improve water quality and reduce pollution. To do this, we want to find out more about Pennsylvania's marinas, assess conditions and challenges at marinas related to water quality, and identify ways a program in Pennsylvania can help you address these problems. Your responses will be kept confidential. We are not connected to any kind of enforcement agency.

Would you be willing to share some information about your marina? It should take about 30 minutes.

___ yes [go to 2]

___ no [end of interview, thank the person for their time.]

NAME: _____ TITLE: _____

MARINA NAME: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP CODE: _____

TELEPHONE: _____

1. IS THE FACILITY LOCATION DIFFERENT FROM POSTAL ADDRESS? YES NO

2. HOW MANY YEARS HAS THE MARINA BEEN AT THIS LOCATION? _____

3. HOW MANY YEARS HAVE YOU BEEN THE OPERATOR OF THIS MARINA? _____

4. WHICH CLUBS/ASSOCIATIONS ARE MOST ACTIVE IN THE MARINA? _____

5. WHAT TYPE OF MARINA ARE YOU PROVIDING?

[Read all the categories and check all that apply]

___ COMMERCIAL ___ YACHT CLUB ___ STATE OWNED ___ OTHER

6. WHICH OF THE FOLLOWING FACILITIES DOES YOUR BUSINESS PROVIDE?

[Read all the categories and check all that apply]

___ BOAT RAMP ___ BOATYARD REPAIRS ___ YACHT CLUB ___ FUEL DOCK
___ MOORING FIELD ___ SLIPS ___ OTHER: _____ ___ OTHER: _____

7. WHAT TYPE OF BOATS AND USERS USE THE MARINA?

[Read all the categories and check all that apply]

___ JET SKIS, PERSONAL WATER CRAFT ___ FISHING CHARTERS
___ COMMERCIAL ___ RECREATIONAL SAILING
___ RECREATIONAL FISHING ___ "LIVE-ABOARD"
___ OTHER: _____ ___ OTHER: _____

8. WHAT IS THE TYPICAL CRAFT LENGTH? _____ FT

9. IS THE MARINA OWNED... [Read all the categories and check all that apply]

___ PUBLICLY? ___ PRIVATELY? ___ BY A NON-PROFIT OR YACHT CLUB?

10. IS THE DOCK STRUCTURE... [Read all the categories and check all that apply]

___ FIXED
___ FLOATING
___ MOORING OR
___ A COMBINATION?

11. WHAT IS THE CAPACITY OF DRY STORAGE IN THE SUMMER? _____ IN THE WINTER? _____

12. HOW MANY SLIPS ARE AVAILABLE FOR SUMMER RENTAL? _____

13. HOW MANY SLIPS ARE AVAILABLE FOR WINTER RENTAL? _____

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14. ABOUT WHAT PERCENT OF SLIPS WERE OCCUPIED LAST SUMMER? _____

15. WHAT IS THE 2005 SEASON SLIP RENTAL FEE FOR SEASONAL USERS?
PER FOOT OF BOAT LENGTH \$ _____ OTHER: _____

16. DOES THE MARINA HAVE SLIPS AVAILABLE FOR DAILY RENT? YES NO

17. IF YES, WHAT IS THE RATE PER FOOT? *[Read all the categories]*

UNPOWERED _____
LESS THAN 16 FEET LONG _____
BETWEEN 17 AND 20 FEET LONG _____
BETWEEN 21 AND 36 FEET LONG _____
BETWEEN 36 AND 65 FEET LONG _____

18. DOES THE MARINA PROVIDE BOAT SHRINK WRAPPING SERVICES? YES NO

19. DOES THE MARINA HAVE A FUELING STATION ON-SITE? YES NO

20. IF NOT, HOW DO MOST OF YOUR BOATERS GET REFUEL? _____

21. DOES THE MARINA OFFER PUMP OUT FACILITIES FOR BOATERS? YES NO

(If yes, go to question 24. If no, go to question 22.)

22. DOES THE MARINA GET REQUESTS FOR A PUMP OUT STATION? YES NO

23. WHAT WOULD IT TAKE FOR THE MARINA TO INSTALL A PUMP OUT STATION?

(Now go to question 29).

24. HOW MANY TIMES IS THE PUMP-OUT USED EACH SEASON? _____
HOW MANY CUSTOMERS DOES THIS REPRESENT? _____

25. HOW MANY BOATS USE THE PUMP-OUT STATION AND GET FUEL AT THE SAME TIME? _____

26. IS THE PUMP-OUT AVAILABLE 24/7 OR IS A TIME SET UP TO PROVIDE THIS SERVICE? _____

27. HOW MUCH DO YOU CHARGE FOR THE SERVICE? \$ _____

28. WHAT WAS THE REASON YOU INSTALLED THE STATION? *[Read all the categories and check all that apply]*

_____ ENVIRONMENTAL BENEFITS
_____ BOATER REQUEST
_____ ECONOMIC BENEFITS/FUNDED
_____ OTHER: _____

29. WOULD YOU BE INTERESTED IN JOINING AN ASSOCIATION OF MARINAS IN THE REGION WORKING TO CLEAN UP THE WATER AND IMPROVE BUSINESS? THIS GROUP COULD PROVIDE ACTIVITIES SUCH AS OPPORTUNITIES TO GET TOGETHER WITH OTHER MARINA OPERATORS, OR EDUCATIONAL PROGRAMS ON ECOTOURISM OR ENVIRONMENTALLY SOUND OPERATING AND MAINTENANCE PROCEDURES. *[Read all the categories and check all that apply]*

_____ YES, WHERE CAN I SIGN UP?
_____ NOT AT THIS TIME, BUT ASK ME AGAIN IN THE FUTURE.
_____ MAYBE, BUT I WANT TO KNOW MORE INFORMATION ABOUT IT FIRST.
_____ NO.

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_____ I DON'T KNOW.

30. HOW IMPORTANT IS CLEAN WATER FOR THE SUCCESS OF YOUR BUSINESS?

CIRCLE: 1 2 3 4 5 (Where 1 is "not at all" and 5 is "very much so")

31. HOW WOULD IMPROVEMENTS IN WATER QUALITY, OR CLEANER WATER, AFFECT YOUR BUSINESS?

CIRCLE: 1 2 3 4 5 (Where 1 is "not at all" and 5 is "very much so")

32. HOW WOULD YOU RATE THE HEALTH OF THE AQUATIC ENVIRONMENT AT YOUR MARINA?

CIRCLE: 1 2 3 4 5 (Where 1 is poor and 5 is excellent)

33. WHY/HOW DID YOU GET INVOLVED IN THE MARINA BUSINESS? _____

34. WHERE DO YOU GET YOUR NEWS AND INFORMATION ABOUT NEW DEVELOPMENTS IN MARINA OPERATIONS? [Read all the categories and check all that apply]

- _____ TRADE MAGAZINE (NAME: _____)
- _____ NEWSPAPER (NAME: _____)
- _____ TRADE ORGANIZATION (NAME: _____)
- _____ OTHER MARINA OPERATORS
- _____ FAMILY/FRIENDS
- _____ STATE/FEDERAL AGENCIES (NAME: _____)
- _____ OTHER: _____

35. DID THE NOVEMBER 2004 OIL SPILL AFFECT YOUR BUSINESS? HOW?

36. BESIDES THE NOVEMBER 2004 OIL SPILL, HAS THERE EVER BEEN AN OIL SPILL OR OTHER ENVIRONMENTAL EMERGENCY THAT AFFECTED YOUR BUSINESS? HOW?

37. HOW MUCH OF A PROBLEM ARE THE FOLLOWING ISSUES TO YOUR BUSINESS? IF THE ISSUE IS A PROBLEM AFFECTING YOUR BUSINESS, WHAT ASSISTANCE MIGHT HELP ADDRESS THE SITUATION? [Read all the categories, ask about level of concern, and ask what assistance might help]

TOPIC	LEVEL OF CONCERN <i>Please rank:</i> 1=Not a problem at all for the business 2=Somewhat of a problem 3=A moderate problem, 4=A serious problem 5= Never thought about it	WHAT ASSISTANCE MIGHT HELP?
WASTE OIL SPILLAGE		
ABANDONED VESSELS		
LITTER AND FLOATABLES		
FLOATING HAZARDS (LOGS, LUMBER, ETC.)		

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ENVIRONMENTAL IMPACT OF DREDGING		
REDUCED ACCESS FROM LACK OF DREDGING		
DREDGED MATERIALS DISPOSAL		
FUEL SPILLS FROM STORAGE TANKS		
FUELING SPILLAGE BY BOATERS		
ANTIFOULING PAINT DISPOSAL		
RECREATIONAL FISHING WASTE		
OTHER ISSUES:		
OTHER ISSUES:		

38. WHAT ASSISTANCE OR RESOURCES WOULD BE MOST HELPFUL TO DEAL WITH THE ABOVE ISSUES? *([Read through all the categories. Then ask participant for rank, where 1 is most helpful and 6 is least helpful])*

- _____ **INFORMATION MADE AVAILABLE ONLINE**
- _____ **INFORMATION MADE AVAILABLE THROUGH A NEWSLETTER**
- _____ **INFORMATION MADE AVAILABLE THROUGH POSTERS AND BROCHURES**
- _____ **INFORMATION MADE AVAILABLE THROUGH WORKSHOPS**
- _____ **COST-SHARE FUNDS TO IMPLEMENT POLLUTION PREVENTION MEASURES**
- _____ **SEEING DEMONSTRATIONS OF INNOVATIVE WAYS TO DEAL WITH THESE ISSUES**
- _____ **I DON'T KNOW**
- _____ **OTHER:** _____

39. WHICH OF THE FOLLOWING TOPICS ARE YOU INTERESTED IN LEARNING MORE ABOUT? *[Read all the categories and check all that apply]*

- | | |
|--|--|
| <ul style="list-style-type: none"> _____ UNDERSTANDING LAWS AND REGULATIONS _____ ADOPTING GREEN PRACTICES AT THE MARINA _____ MARINA SITING CONSIDERATIONS _____ MARINA DESIGN AND MAINTENANCE _____ MARINA MANAGEMENT _____ STORMWATER MANAGEMENT _____ BOATER EDUCATION TOPICS _____ OTHER: _____ | <ul style="list-style-type: none"> _____ MARINA RECYCLING _____ PETROLEUM CONTROL _____ EMERGENCY RESPONSE _____ VESSEL MAINTENANCE _____ WASTE CONTAINMENT _____ SEWAGE HANDLING _____ I DON'T KNOW |
|--|--|

40. DOES THE MARINA PROVIDE MOTOR REPAIR ON-SITE? Yes No

41. WHAT SORT OF PRECAUTIONS DO YOU TAKE TO PREVENT SPILLS FROM REPAIR ACTIVITIES? _____

42. WHAT ASSISTANCE WOULD BE USEFUL TO HELP YOU IMPLEMENT ENVIRONMENTALLY SOUND OPERATING AND MAINTENANCE PROCEDURES ASSOCIATED WITH MOTOR REPAIR? *[Read all the categories and check all that apply]*

- _____ **FUNDING**
- _____ **WORKSHOPS/TRAINING**
- _____ **MANUAL/INFORMATIONAL MATERIALS**
- _____ **I DON'T KNOW**
- _____ **OTHER:** _____

43. DOES THE MARINA HAVE A BOAT FUELING STATION? Yes No

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44. WHAT SORT OF PRECAUTIONS DO YOU TAKE TO PREVENT SPILLS FROM FUELING ACTIVITIES? _____

45. WHAT CONTAINMENT MATERIALS DOES THE MARINA HAVE AVAILABLE FOR BOATERS IN CASE A BOATER SPILLS FUEL? *[Read all the categories and check all that apply]*

BOOM ABSORBENT PADS OTHER: _____ NOTHING AT THIS TIME

46. WHAT DOES YOUR MARINA DO IN THE EVENT OF A FUEL SPILL? DOES THE MARINA HAVE AN EMERGENCY-SPILL RESPONSE PLAN ? IF YES, PLEASE DESCRIBE. _____

47. WHAT ASSISTANCE WOULD BE USEFUL TO HELP YOU IMPLEMENT BEST MANAGEMENT PRACTICES ASSOCIATED WITH FUELING? *[Read all the categories and check all that apply]*

- FUNDING
- WORKSHOPS/TRAINING
- MANUAL/INFORMATIONAL MATERIALS
- I DON'T KNOW
- OTHER: _____

48. DOES THE MARINA PROVIDE A HULL SCRAPING OR BOAT MAINTENANCE AREA ON-SITE?

Yes No

49. WHAT SORTS OF PRECAUTIONS ARE TAKEN TO PREVENT CONTAMINATION FROM THESE ACTIVITIES?? _____

50. WHAT ASSISTANCE WOULD BE USEFUL TO HELP THE MARINA IMPLEMENT ENVIRONMENTAL PRACTICES ASSOCIATED WITH BOAT MAINTENANCE?

[Read all the categories and check all that apply]

- FUNDING
- WORKSHOPS/TRAINING
- MANUAL/INFORMATIONAL MATERIALS
- I DON'T KNOW
- OTHER: _____

51. BELOW ARE A FEW ACTIONS DESIGNED TO PROTECT OR IMPROVE THE HEALTH OF THE WATERWAYS. DOES YOUR MARINA DO ANY OF THESE? WHICH ARE YOU INTERESTED IN IMPLEMENTING? *[Read the column titles, then read all the categories and ask participant to choose one title for each category]*

BEST MANAGEMENT PRACTICE	I ALREADY DO THIS	I AM INTERESTED IN DOING THIS	I AM NOT INTERESTED IN DOING THIS AT THIS TIME
EDUCATE BOATERS ABOUT WATER QUALITY ISSUES BY POSTING SIGNAGE OR DISTRIBUTING LITERATURE			
IMPLEMENT ON-SITE RECYCLING PROGRAMS FOR			

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BOATER AND MARINA MATERIALS			
PROVIDE LIQUID WASTE COLLECTION AND DISPOSAL FACILITIES			
HAVE SUFFICIENT BOOMS AND ABSORBENT MATERIALS TO CONTAIN SPILLS AT MARINA			
USE A DUSTLESS VACUUM SANDER TO TARGET DEBRIS PRODUCED THROUGH BOAT MAINTENANCE ACTIVITIES			
HAVE SECONDARY CONTAINMENT FOR ALL WASTE OIL CONTAINERS			
HAVE AN OIL SPILL RESPONSE PLAN FOR THE MARINA			
PROVIDE DRY STORAGE FOR BOATS TO REDUCE THE NEED FOR ANTI-FOULING PAINT			
OTHERS:			
OTHERS:			

52. WHAT WOULD YOU SAY ARE SOME OF THE REASONS WHY THE ABOVE PRACTICES ABOVE ARE NOT BEING IMPLEMENTED? [Read all the categories and check all that apply]

- I DON'T KNOW HOW TO DO THESE THINGS.
 I DON'T KNOW WHERE TO GET THE INFORMATION TO IMPLEMENT THESE ACTIVITIES.
 I DON'T HAVE THE TIME TO GET THESE ACTIVITIES STARTED.
 THE MONEY IS NOT AVAILABLE OR IS BEING SPENT ELSEWHERE IN THE MARINA.
 I AM NOT INTERESTED IN STARTING THESE ACTIVITIES.
 I DON'T KNOW.
 OTHER: _____

53. WHICH OF THE FOLLOWING BEST MANAGEMENT PRACTICES DO YOU THINK YOUR CUSTOMERS ARE ALREADY DOING OR WOULD BE INTERESTED IN DOING TO IMPROVE WATER QUALITY? [Read the column titles then read all the categories and ask participant to choose one title for each category]

BEST MANAGEMENT PRACTICE	CUSTOMERS ALREADY DO THIS	CUSTOMERS ARE INTERESTED IN DOING THIS	CUSTOMERS HAVE NO INTEREST IN THIS	I DON'T KNOW
KEEPING THE ENGINE WELL TUNED TO PREVENT FUEL AND OIL LEAKS				
USING AN OIL ABSORBENT PAD OR PILLOW UNDER THE ENGINE AND IN THE BILGE.				
USING AN OIL CHANGE PUMP TO TRANSFER OIL TO A SPILL PROOF CONTAINER AND				
WRAPPING A PLASTIC BAG OR ABSORBENT PAD AROUND THE OIL FILTER TO PREVENT OIL FROM SPILLING INTO THE BILGE				
FILLING FUEL TANKS SLOWLY AND CAREFULLY AND USING ABSORBENT PADS OR RAGS TO CATCH DRIPS AND				

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SPILLS				
MINIMIZING BOAT CLEANING AND MAINTENANCE IN THE WATER.				
USING A HARD, LESS TOXIC, OR NONTOXIC ANTIFOULING PAINT TO MINIMIZE THE DISCHARGE OF HEAVY METALS THAT COME FROM SOFT-SLOUGHING ANTIFOULING PAINTS.				
DISPOSE OF HAZARDOUS WASTE PROPERLY.				
USING HARBOR PUMP-OUT STATIONS AND SHORE-SIDE FACILITIES.				
RECYCLE PLASTIC, GLASS, METAL, AND PAPER.				
USING A PHOSPHATE-FREE SOAP TO MINIMIZE THE IMPACTS OF GREY WATER ON THE MARINE ENVIRONMENT				
OTHERS:				
OTHERS:				

54. WHAT WOULD YOU SAY ARE SOME OF THE REASONS WHY THE ABOVE BEST MANAGEMENT PRACTICES ARE NOT BEING IMPLEMENTED? [Read all the categories and check all that apply]

- BOATERS DO NOT WANT TO SPEND THE MONEY.**
- BOATERS DO NOT KNOW HOW TO DO THESE THINGS.**
- BOATERS DO NOT WANT TO TAKE THE TIME TO DO THESE THINGS.**
- BOATERS ARE NOT INTERESTED IN DOING THESE ACTIVITIES.**
- I DON'T KNOW.**
- OTHER:** _____

55. WHAT ARE YOUR SUGGESTIONS FOR ACTIONS A PROGRAM IN PENNSYLVANIA CAN SUPPORT TO REMOVE THESE OBSTACLES? [Read all the categories and check all that apply]

- HOLD WORKSHOPS FOR MARINA OPERATORS TO DEMONSTRATE HOW POLLUTION PREVENTION ACTIVITIES CAN BE ESTABLISHED**
- CREATE POSTERS AND/OR SIGNS FOR MARINAS TO DISPLAY TO EDUCATE BOATERS ABOUT POLLUTION PREVENTION ACTIVITIES THEY CAN DO**
- DISTRIBUTE BILGE SOCKS AND OTHER TOOLS TO BOATERS**
- PROVIDE COST-SHARE FUNDING TO MARINAS TO IMPLEMENT POLLUTION PREVENTION ACTIVITIES**
- EDUCATE THROUGH LITERATURE DISTRIBUTED ON SITE**
- I DON'T KNOW**
- OTHER:** _____

56. IS THERE ANY ADDITIONAL INFORMATION WE SHOULD KNOW? IF SO, PLEASE DESCRIBE.

THANK YOU FOR YOUR TIME AND ASSISTANCE IN COMPLETING THIS SURVEY.