

APPENDIX G

October 14 and 21, 1998 Portage Lakes Task Force (PLTF) Meeting Materials

NEFCO

NORTHEAST OHIO FOUR COUNTY REGIONAL PLANNING & DEVELOPMENT ORGANIZATION

969 Copley Road, Akron, Ohio 44320-2992

(330) 836-5731 • Fax (330) 836-7703

Gayle Jackson, Chair

Joseph Hadley, Jr., Executive Director

NEWS RELEASE

FOR IMMEDIATE RELEASE

October 1, 1998

CONTACT: Jo Ann Keiser, Environmental Planner
Northeast Ohio Four County Regional
Planning and Development
Organization (NEFCO)
969 Copley Road
Akron, OH 44320-2992
(330) 836-5731
FAX: 836-7703

The Northeast Ohio Four County Regional Planning and Development Organization (NEFCO) is reconvening with the Portage Lakes Task Force (PLTF) and interested parties to discuss problems and appropriate solutions associated with water quality in the Upper Tuscarawas River Watershed. These meetings will aid in the development of a Watershed Action Plan, which will assist in future efforts to restore and protect the health of the watershed and its valuable resources.

A watershed refers to the area of land from which surface water drains into a common outlet, such as a river, lake or wetland. The Upper Tuscarawas River Watershed extends from Hartville to south of Akron, and includes the Portage Lakes. When planning takes a watershed approach, it focuses on the natural flow of rivers and streams, rather than political boundaries. Each watershed is unique and strategies to protect or restore it should reflect this.

The Upper Tuscarawas Watershed is extremely important to the region for a variety of reasons. These include habitat for unique plants and animals, wetlands and ground water resources. Large tracts of land are still available for development. The watershed drains into the Portage Lakes which are a popular recreation area.

NEFCO will examine present conditions and target critical streams for protection and/or restoration and identify best management practices to reduce the impacts of runoff on water quality. A Watershed Action Plan will identify goals, objectives, activities and priorities that the task force wants to address. If and when funding becomes available, it will act as a useful guide for implementation.

The next two meetings will consist of three components. The first component is to review the results from the Pollution Potential Ratings for the entire watershed. The second component of the meeting is to give an overview of the critical resources

-189-

Cooperation and Coordination in Development Planning
among the Units of Government in Portage, Stark, Summit and Wayne Counties

identified in the watershed and the results of the riparian zone analysis. The third component will give participants a chance to review the initial Watershed Action Plan.

An afternoon meeting will be held on Wednesday, **October 14, 1998, 2:00 p.m. at the Ohio Division of Wildlife, 912 Portage Lakes Drive, Coventry Township.** An evening meeting is scheduled for **October 21, 1998, 7:00 p.m. at the Uniontown Fire Department, on the corner of Oakwood and Edison (S.R. 619) in Lake Township.** You are welcome to attend both meetings; however, they will follow the same agenda.

Because a watershed is interconnected with the quality of life of those who live and/or work there, it is important to take an active role in its future. We welcome you to attend these meetings and hope to see you there. For more information call Jo Ann Keiser or Claude Custer at NEFCO, (330) 836-5731.

NEFCO

NORTHEAST OHIO FOUR COUNTY REGIONAL PLANNING & DEVELOPMENT ORGANIZATION

969 Copley Road, Akron, Ohio 44320-2992

(330) 836-5731 • Fax (330) 836-7703

Gayle Jackson, Chair

Joseph Hadley, Jr., Executive Director

MEMORANDUM

TO: Portage Lakes Task Force (PLTF) and interested parties

FROM: Jo Ann Keiser, Environmental Planner and
Claude Custer, Water Quality Planner

DATE: October 1, 1998

SUBJECT: Portage Lakes Task Force meeting notice and request to review the results of the Pollution Potential Ratings and a draft of the Upper Tuscarawas River Watershed Action Plan.

Enclosed please find the meeting notice and tentative agenda for the next set of Upper Tuscarawas River Watershed meetings. An afternoon meeting will be held on **Wednesday, October 14, 1998, 2:00 p.m. at the Ohio Division of Wildlife, 912 Portage Lakes Drive, Coventry Township.** An evening meeting is scheduled for **October 21, 1998, 7:00 p.m. at the Uniontown Fire Department, 13055 Oakwood Avenue, Lake Township.** You are welcome to attend both meetings; however, they will follow the same agenda.

Also enclosed, for your review, find the Ranking of the Potential Pollution Sources for the entire watershed. Your ratings and comments, and correlation of the final ratings to the Ohio Comparative Risk Project's (OCRPs) ranked threats, aided in the development of this final list.

In addition, you will find a draft copy of the initial Watershed Action Plan, which includes goals, objectives, actions, and priority subwatersheds. Please evaluate this plan for further discussion at the upcoming meetings.

NEFCO looks forward to hearing your comments and suggestions so that a feasible and effective Watershed Action Plan can be developed to address water quality impacts. We thank you in advance for your time.

Enclosures

NEFCO

NORTHEAST OHIO FOUR COUNTY REGIONAL PLANNING & DEVELOPMENT ORGANIZATION

969 Copley Road, Akron, Ohio 44320-2992

(330) 836-5731 • Fax (330) 836-7703

Gayle Jackson, Chair

Joseph Hadley, Jr., Executive Director

MEETING NOTICE

Upper Tuscarawas River Watershed Action Plan Portage Lakes Task Force and other interested parties

October 14, 1998

2:00 p.m.

Ohio Division of Wildlife
912 Portage Lakes Drive
Akron, OH 44319
Coventry Township

or

October 21, 1998

7:00 p.m.

Uniontown Fire Department
13055 Oakwood Avenue
Uniontown, OH 44685
Lake Township

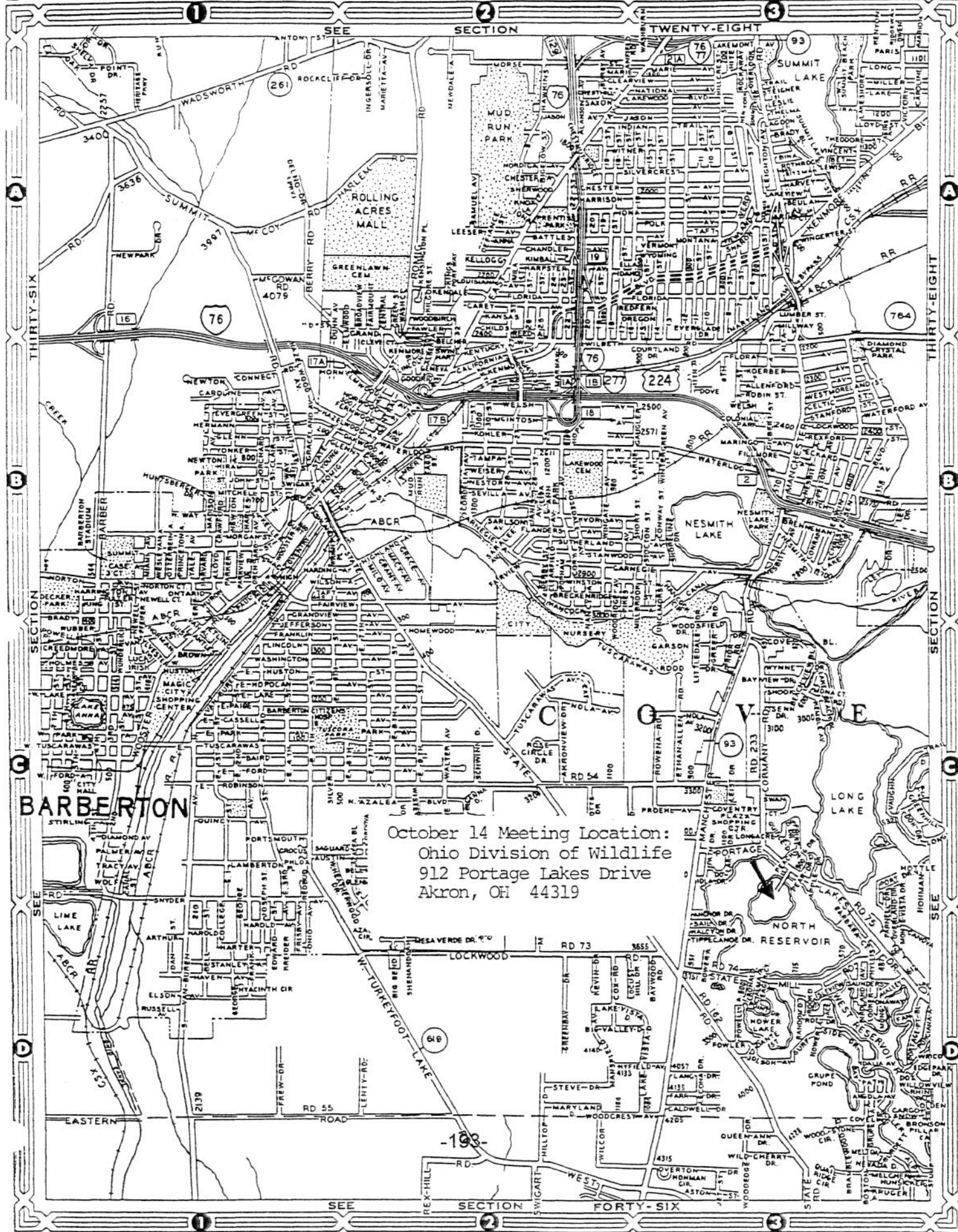
Tentative Agenda

- A. Summary from the first set of meetings
- B. Results of the Pollution Potential Ratings
- C. Overview of Critical Resources and Riparian Zone Reports
- D. Development of the Upper Tuscarawas River Watershed Action Plan
 - 1. Goals, objectives, actions, and priority subwatersheds
 - 2. Responsible parties, estimated costs, funding sources, time frames, expected improvements, and evaluation procedures for each action
 - 3. Setting priorities for future actions

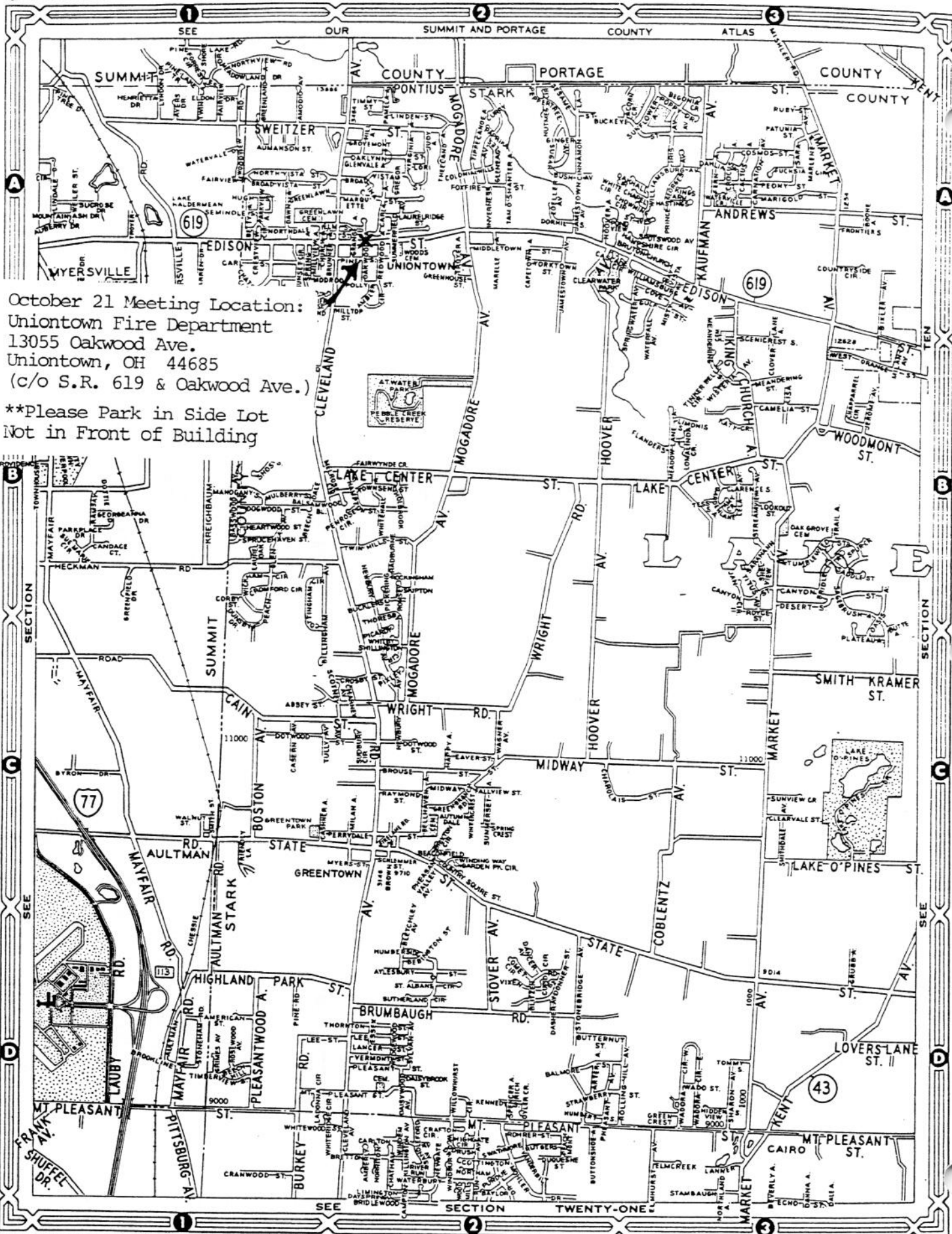
-192-

Please refer to enclosed maps for meeting locations

Cooperation and Coordination in Development Planning
among the Units of Government in Portage, Stark, Summit and Wayne Counties



SECTION No. 9



October 21 Meeting Location:
 Uniontown Fire Department
 13055 Oakwood Ave.
 Uniontown, OH 44685
 (c/o S.R. 619 & Oakwood Ave.)

****Please Park in Side Lot
 Not in Front of Building**

DRAFT

Ranking of 24 Potential Pollution Sources to the Watershed and Pollution Potential Ratings* for each Subwatershed of the Upper Tuscarawas River Watershed					
Potential Pollution Source	Subwatershed				
	1	2	3	4	5
1. Off-Lot (Discharging) Home/Semi-Public Sewage Disposal Systems	1	4	5	3	3
2. Failing On-Lot Home/Semi-Public Sewage Disposal Systems	1	4	5	3	2
2. Landfills and Dumps	2	3	3	5	2
3. Construction Sites	1	3	4	4	4
4. Industrial Land Use Areas	4	3	2	2	2
5. Trucking Activity and Related Maintenance (Including Diesel Fuel Use)	4	3	3	3	2
6. Gasoline Use (Including Storage and Transportation of Gasoline)	4	3	4	3	3
7. Leaking Underground Storage Tanks	4	2	4	3	3
7. Oil and Gas Pipelines (i.e., Oil and Gas Transportation)	2	3	4	3	4
8. Mining Activity (Sand and Gravel Mining)	1	2	3	3	3
8. Agricultural Areas	1	3	2	3	3
8. Golf Courses	1	3	3	4	1
9. Oil and Gas Wells (i.e., Oil and Gas Production and Exploration/Drilling Activity)	2	2	4	3	3
10. Impervious Areas (e.g., Rooftops, Roads, Parking Lots, etc.)	4	3	4	3	3
11. Nurseries/Greenhouses and Landscaping Operations	2	2	2	2	2
12. Lawn and Garden/Household Maintenance Activity	3	3	4	3	3
13. Wastewater Treatment Plants (WWTPs)	1	4	4	3	3
13. Excess Nutrients From Natural Sources (e.g., Geese)	1	2	3	1	2
14. Salt Storage and Seasonal Spreading of Salt	3	3	3	2	3
15. Abandoned Drinking Water Wells	1	2	2	2	2
16. Fuel Oil Use (Including Storage and Transportation of Fuel Oil)	2	2	3	2	2
16. Polychlorinated Biphenyls (PCBs) Use (Used in Some Electrical Transformers)	3	2	2	2	2
17. Boating Activities	1	1	2	1	1
18. Registered Underground Storage Tanks (Insufficient information to evaluate this category)					

Key to Pollution Potential Ratings:

- 1 = Virtually no potential to impair surface water and/or ground water quality.
- 2 = Low potential to impair surface water and/or ground water quality.
- 3 = Moderate potential to impair surface water and/or ground water quality.
- 4 = High potential to impair surface water and/or ground water quality.
- 5 = Very high potential to impair surface water and/or ground water quality.

DRAFT

The table below is a draft copy of the initial Upper Tuscarawas River Watershed Action Plan. Previous NEFCO reports and public meetings aided in the development of this plan. During the upcoming meetings, we will attempt to fill in the blank spaces. Responsible parties, estimated costs, funding sources, time frames, expected improvements, and an evaluation scheme will be presented during the meetings for each of the actions listed below.

Goals, Objectives, Actions, and Priority Subwatersheds to Improve Water Quality in the Upper Tuscarawas River Watershed		
Objective	Action(s)	Priority Subwatershed(s)
Goal 1: Reduce nutrient and bacteria loads, from fecal contamination, in lakes and streams		
1.1 Reduce potential nutrient and bacteria loads from failing off-lot (discharging) home sewage disposal systems (HSDSs) and semi-public sewage disposal systems (SPSDSs)	a. Establish a permit system to encourage HSDS and SPSPDS inspection and maintenance b. Funding assistance for repair or replacement of ____ faulty systems c. Provide support to research cost effective and environmentally-sound alternatives to control water pollution from HSDSs and SPSPDSs, e.g., constructed wetlands d. Establish education efforts to increase public awareness on faulty HSDSs and SPSPDSs 1) Distribute ____ information pamphlets 2) Hold ____ public meetings 3) Distribute ____ new homeowner packets	2,3
1.2 Reduce potential nutrient and bacteria loads from failing on-lot (non-discharging) home sewage disposal systems (HSDSs) and semi-public sewage disposal systems (SPSPDSs)	a. Establish a permit system to encourage HSDS and SPSPDS inspection and maintenance b. Funding assistance for repair or replacement of ____ faulty systems c. Provide support to research cost effective and environmentally-sound alternatives to control water pollution from HSDSs and SPSPDSs, e.g., constructed wetlands d. Establish education efforts to increase public awareness on faulty HSDSs and SPSPDSs 1) Distribute ____ information pamphlets 2) Hold ____ public meetings 3) Distribute ____ new homeowner packets	2,3

DRAFT

Goals, Objectives, Actions, and Priority Subwatersheds to Improve Water Quality in the Upper Tuscarawas River Watershed		
Objective	Action(s)	Priority Subwatershed(s)
1.3 Reduce nutrient and bacteria loads from livestock	a. Identify all livestock operations in the watershed b. Plan and implement manure management plans on ____ agricultural operations c. Limit the number of farm animals per unit of land d. Establish buffer strips around ____ animal feeding and containment areas e. Fencing and development of ____ off-stream watering facilities to exclude livestock from stream areas f. Fund alternative technology for farm waste treatment	2,4,5
1.4 Reduce excess nutrients and bacteria loads from wastewater treatment plants (WWTPs)	a. Develop an inspection program for commercial WWTPs with design flows less than 100,000 gpd b. Identify and repair ____ leaking sewers	2,3
1.5 Reduce excess nutrients and bacteria from natural sources	a. Educate shoreline and riparian landowners on ways to deter waterfowl from grazing on their property 1) Distribute ____ information pamphlets b. Educate pet owners about proper disposal of pet wastes 1) Distribute ____ information pamphlets	3
Goal 2: Decrease levels of toxic substances (heavy metals, oil/petroleum products, etc.) entering surface and/or ground water		
2.1 Decrease contributions of toxic substances from landfills and dumps	a. Conduct adequate monitoring to determine the source(s), pollutant(s) and severity of water quality degradation b. Ensure that proper design standards are in place for legal landfills and dumps c. Initiate ____ volunteer clean-up days for illegal dumping areas d. Enforce stricter penalties against illegal dumping	4

DRAFT

Goals, Objectives, Actions, and Priority Subwatersheds to Improve Water Quality in the Upper Tuscarawas River Watershed		
Objective	Action(s)	Priority Subwatershed(s)
2.2 Decrease releases of toxic substances from industrial land use areas	<ul style="list-style-type: none"> a. Identify byproducts of industrial processes taking place in the watershed and educate owners/operators about the hazards of negligent management of such substances b. Encourage implementation of preventative and control measures (BMPs) to reduce pollutants 	1,2
2.3 Decrease levels of toxic substances from storm water runoff	<ul style="list-style-type: none"> a. Develop and implement a regional/watershed-based storm water management plan b. Implement preventative measures to reduce storm water runoff <ul style="list-style-type: none"> 1) Organize household hazardous waste pick-up days ____ times per ____ 2) Begin a storm drain stenciling program 3) Limit the amount of impervious areas for commercial establishments c. Implement control measures to reduce storm water runoff <ul style="list-style-type: none"> 1) Establish first flush or end-of-pipe treatment requirements 2) Require catch basins for parking lots over ____ (size). 3) Install ____ detention and/or retention ponds for storm water management in problem areas 4) Route drainage from impervious surfaces to pervious areas 5) Routine/scheduled street sweeping d. Locate historical spills and accidental release sites in the watershed 	2,3
2.4 Decrease releases of toxic substances from underground storage tanks (USTs)	<ul style="list-style-type: none"> a. Ensure that all new USTs are equipped with some sort of protection against leaking and monitored adequately b. Identify ____ UST problem areas and take steps to alleviate their impacts c. Encourage consumers to only purchase gasoline/diesel from service stations that are equipped with leak detectors or other protective mechanisms, e.g., buckeye leaf symbol 	1,3

DRAFT

Goals, Objectives, Actions, and Priority Subwatersheds to Improve Water Quality in the Upper Tuscarawas River Watershed		
Objective	Action(s)	Priority Subwatershed(s)
2.5 Decrease ground water contamination from improperly constructed or abandoned wells	<ul style="list-style-type: none"> a. Identify wells abandoned prior to 1990 <ul style="list-style-type: none"> 1) Determine if wells were sealed properly 2) Properly abandon wells if needed b. Proactive and consistent enforcement of well construction, maintenance and abandonment standards c. Educate public and private well owners the hazards of ground water contamination and preventative measures <ul style="list-style-type: none"> 1) Distribute ____ information pamphlets d. Identify critical NPS pollution areas within close proximity to abandoned wells and implement BMPs to reduce contamination risks 	2,3,4,5

DRAFT

Goals, Objectives, Actions, and Priority Subwatersheds to Improve Water Quality in the Upper Tuscarawas River Watershed		
Objective	Action(s)	Priority Subwatershed(s)
Goal 3: Reduce impacts from sediment/siltation in lake and streams		
3.1 Reduce soil erosion, transport, and deposition of sediment associated with construction sites	<p>a. Support preventative measures to reduce impacts from construction sites</p> <ol style="list-style-type: none"> 1) Encourage phasing of construction sites over ____ acres 2) Develop zoning ordinances that restrict or require additional measures for development in sensitive areas, e.g., wetlands, slopes greater than 6% ,and slopes with high sediment yield 3) Initiate vegetative stabilization of disturbed areas over ____ acres and/or ____ (length of time) 4) Work with local communities to promote development that minimizes the percentage of impervious surfaces, such as open space zoning and cluster development <p>b. Implement control measures to reduce impacts from construction sites</p> <ol style="list-style-type: none"> 1) Frequent inspection of erosion and sediment control plans, i.e., SWPPPs 2) Require building controls for individual lots 3) Maintain vegetated buffer strips and riparian zones near construction sites to reduce sediment entering streams and lakes 4) Promote the design of post-construction BMPs at construction sites, e.g., detention/retention ponds, constructed wetlands, planting and preserving trees, etc. <p>c. Work with SWCDs and building associations to identify ____ pilot demonstrations that utilize innovative storm water erosion control and management practices</p> <p>d. Offer additional education to builders, developers, and contractors, e.g., new techniques, post-construction BMPs, etc.</p> <ol style="list-style-type: none"> 1) Hold ____ seminars/workshops 2) Distribute ____ information packets 	2,4

DRAFT

Goals, Objectives, Actions, and Priority Subwatersheds to Improve Water Quality in the Upper Tuscarawas River Watershed		
Objective	Action(s)	Priority Subwatershed(s)
3.2 Reduce soil erosion, transport and deposition of sediment associated with agricultural areas	a. Encourage the implementation of appropriate vegetative and tillage BMPs to reduce the impacts associated with sediment, e.g., conservation tillage, conservation cropping sequence, contour stripcropping, and contour farming b. Implement appropriate structural BMPs to alleviate soil-related pollution 1) Fencing and development of ____ off-stream watering facilities to exclude livestock from stream areas 2) Establish grassed and forested buffer strips on ____ ft. of farm croplands, especially adjacent to streams 3) Construct ____ water and sediment control basins	2,4,5
3.3 Reduce sediment/siltation from sand and gravel mining activities	a. Ensure appropriate reclamation activities are performed for abandoned mines, e.g., surface stabilization b. Implement runoff control and conveyance measures c. Install ____ sediment traps and barriers d. Ensure dust control strategies are performed, such as periodic spraying	3,4,5
Goal 4: Protect and/or restore shorelines and riparian corridors in selected wetlands, lakes and streams		
4.1 Increase shoreline and riparian corridor in selected wetlands, lakes and streams	a. Encourage city and county park districts to purchase selected areas to increase intact shoreline and riparian corridor b. Solicit the setting aside of ____ ft. conservation easements of shoreline and riparian corridor from landowners along targeted wetlands, lakes and streams	2,3,4,5
4.2 Protect shoreline and riparian corridor in selected wetlands, lakes and streams	a. Assist communities with the development of township or municipal ordinances requiring new construction sites to leave ____ ft. easements near shorelines of targeted wetlands and lakes along with ____ ft. easements for flood plains of targeted streams b. Identify shoreline and riparian landowners and educate them about shoreline or riparian zone protection and importance 1) Distribute ____ information pamphlets	2,3,4,5

DRAFT

Goals, Objectives, Actions, and Priority Subwatersheds to Improve Water Quality in the Upper Tuscarawas River Watershed		
Objective	Action(s)	Priority Subwatershed(s)
4.3 Restore shoreline and riparian corridor in selected wetlands, lakes and streams	a. Assist shoreline and riparian landowners to replant ____ ft. of shoreline and riparian corridor in selected wetlands, lakes and streams using appropriate BMPs b. Assist shoreline and riparian landowners to restabilize ____ ft. of shoreline and riparian corridor in selected wetlands, lakes and streams using appropriate BMPs	2,3,4,5
Goal 5: Reduce fertilizer, herbicide and pesticide runoff into the watershed		
5.1 Reduce fertilizer, herbicide and pesticide runoff from agricultural areas	a. Educate local farmers about the benefits and principles of Integrated Pesticide Management (IPM) 1) Distribute ____ information packets 2) Hold ____ seminars/workshops b. Provide assistance to ____ farms willing to participate in IPM c. Ensure that farmers are implementing BMPs, e.g., chemical management and disposal and calibration and maintenance of spray equipment d. Provide assistance to ____ farms willing to implement appropriate BMPs to reduce agricultural runoff into lakes and streams	2,4,5
5.2 Reduce fertilizer, herbicide and pesticide runoff from golf courses, nurseries, greenhouses, landscaping operations, and sod-farms	a. Identify how many operations are using IPM and their level of knowledge 1) Distribute surveys to all operations in the watershed b. Educate owners/operators about the benefits of BMPs, such as: IPM, calibration and maintenance of spray equipment, and proper chemical management and disposal	2,3,4
5.3 Reduce fertilizer, herbicide and pesticide runoff from lawns	a. Educate homeowners about the importance of lawn fertilizer and herbicide management 1) Distribute ____ pamphlets b. Establish first flush or end-of-pipe treatment requirements	3

DRAFT

Goals, Objectives, Actions, and Priority Subwatersheds to Improve Water Quality in the Upper Tuscarawas River Watershed		
Objective	Action(s)	Priority Subwatershed(s)
Goal 6: Reduce levels of dissolved solids (salinity) impacting surface and/or ground water quality		
6.1 Decrease runoff from salt storage sites and seasonal spreading of salt	a. Ensure that proper application, covered storage, clean-up of spills, and cleaning of sewers and ditches is implemented when using deicing materials b. Establish end-of-pipe or first flush treatment requirements c. Introduce BMPs to absorb runoff from impervious areas, such as porous pavement and installing grass swales rather than storm sewers	2,3,5
6.2 Decrease releases of brine from oil exploration and drilling activity	a. Ensure that abandoned oil wells are sealed properly	3
Goal 7: Acquire a stronger understanding of water quality issues		
7.1 Strengthen community awareness of and involvement in watershed issues	a. Educate residents about watershed issues 1) Distribute ____ surveys 2) Distribute ____ information pamphlets 3) Hold ____ public meetings b. Organize ____ volunteer action groups to address water quality concerns	
7.2 Monitor and evaluate water quality of lakes and streams	a. Continue Volunteer Lake Monitoring Program (VLMP) b. Encourage other volunteer monitoring programs throughout the watershed c. Identify critical monitoring locations d. Establish baseline levels for bacteria and water chemistry to monitor future results of remedial efforts	
7.3 Conduct further research regarding point and nonpoint source pollution	a. Locate historical spills and accidental release sites in the watershed b. Produce a map with soil limitations for HSDSs and SPDSs c. Generate a map with present soil survey information available, e.g., slopes and potential soil loss d. Identify the types and locations of agricultural operations in the watershed	

The Akron Beacon Journal

PORTAGE LAKES

10/9/98

Meetings will focus on pollution problems

Pollution problems in the Portage Lakes and the upper Tuscarawas River will be the subject of two upcoming public meetings.

Those sessions will be at 2 p.m. Wednesday at the Ohio Division of Wildlife offices, 912 Portage Lakes Drive, Coventry Township, and 7 p.m. Oct. 21 at the Uniontown Fire Department, 13055 Oakwood Ave. N.W., Lake Township.

ATTENDANCE SHEET
Upper Tuscarawas River Watershed
Watershed Action Plan Evaluation
Wednesday, October 14, 1998
Ohio Division of Wildlife
2:00 p.m.

	NAME	REPRESENTING	ADDRESS (PLEASE PRINT)
1	Gary D. Miller	Pontage Lakes Advisory Council PLAC	832 Legan Ct. Akron, OH 44319
2	PAUL LEEDMAN	NEFCO	
3	John Gabele	Summit Co H.D	1100 Graham Cir Stow 44224
4	Ken Frade	OEPA	2110 E. Aurora Rd Twinsburg, Ohio 44087
5	Claude Custer	NEFCO	
6	Cindy Fink	Summit SWCD	
7	Ann Keiser	NEFCO	
8			
9			
10			
11			
12			
13			

ATTENDANCE SHEET
Upper Tuscarawas River Watershed
Watershed Action Plan Evaluation
Wednesday, October 21, 1998
Uniontown Fire Department
7:00 p.m.

	NAME	REPRESENTING	ADDRESS (PLEASE PRINT)
1	Tom ROTH	RESIDENT GREEN	266 HEDGEWOOD DR AKRON 44319
2	Gary D. Miller	PLAC	832 Logan Ct. AKRON, OH 44319
3	Jennifer Edwards	NEFCO	92 Oakdale Ave #3 Akron OH 44302
4	Edith Chase	self	5731 Caranor Dr. Kent OH 44240
5	Lwyla Roman	State Rep. 48 th	989 Archmere Dr. AKRON 44319
6	Don Myers	Lake Twp Trustee	2314 State St NE North Canton, OH 44721
7	Jo Ann Keiser	NEFCO	969 Copley Rd. AKRON, OH 44320
8	Clavel C. Custaf	NEFCO	"
9			
10			
11			
12			
13			