



# NPDES Small MS4 General Permit (OHQ000002) Annual Reporting Form

**Instructions for completing this form:**

- OHQ000002 requires that this form be used when submitting annual reports. You may request approval to use your own reporting format.
- Annual Reports are due annually on or before April 1<sup>st</sup>.
- Complete the form and sign and date the certification statement below.
- If more space is needed than is provided, identify within the provided space that Attachment A, B, C, etc. has been attached.
- If an item of the form is not applicable for your program (such as street sweeping), fill in N/A in the space provided.
- Don't include attachments such as brochures, newspaper clips, sign-in sheets, etc. related to your program with this form. You only need to summarize these within this report. These records must be filed and will be needed during program audits.
- When complete, submit this Annual Report form to the following address:  
Ohio Environmental Protection Agency  
Division of Surface Water  
Storm Water Program – Small MS4  
P.O. Box 1049  
Columbus, Ohio 43216-1049

Small MS4 Annual Report for Year: 2012 (CY 2011)

Ohio EPA Facility Permit Number: 4GQ10011\*BG

Name of MS4: Licking County & Others

Primary Contact: Tim Bubb

Title: Licking County Commissioner

Mailing Address: 20 South 2<sup>nd</sup> Street

City: Newark

Zip Code: 43025

County: Licking

Telephone Number: 740-670-5110

Email Address: [tbubb@lcounty.com](mailto:tbubb@lcounty.com)

Include or attach a Table of Organization. Indicate who (name and contact information) is responsible for overall management and implementation of your program, and if different, each minimum control measure of your program. Identify how development and implementation across multiple positions, agencies and departments occur. Also, identify any Memorandum of Understandings (MOUs) or other such agreements that exist.

**Existing MOUs:**

1. MOU between Licking County Planning & Licking County Soil & Water Conservation District (LCSWCD) regarding development plan review and site inspection.
2. MOU between Licking County Engineer, Licking County Commissioners, and LCSWCD regarding maintenance of petition ditches including post construction BMPs where present.

See attached Table of Organization. (Attachment A)

See attachment B: Schedule for elimination of illicit connections that have been identified but have not yet been eliminated.

See attachment C: Flood Plain Management.

See attachment D: Construction sites active during reporting period

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including possibility of fine and imprisonment for knowing violations.

Print Name: TIM BUBB

Print Title: LICKING COUNTY COMMISSIONER

Signature: 

Date: March 27, 2012

**PUBLIC EDUCATION & OUTREACH**

Estimate Your Permit Area's Total Population: 30,000

| BMP (mechanism) & Responsible Party  | Measurable Goal  | Theme or Message  | Target Audience   | % of Target Audience Reached   | Summary of Results   | Effective (Yes or No) |
|--|--|---|---|--|--|-----------------------|
| School presentations and activities – Include Enviroscene and Ground Water Models.<br>Licking County SWCD; Licking Recycling & Litter Prevention | 25 Schools<br>10 Districts<br>4000 Students  | Reducing runoff volume, general storm water education, watershed awareness. Express ways to reduce and prevent runoff.  | Students in schools that serve the Licking County Partnership             | 12 Schools (50%)<br>6 Districts (60%)<br>4350 Students (109%)  | Presentations were completed reaching 4350 students within 12 schools in 6 school districts plus private schools.  | YES                   |
| Stormwater Brochure<br>Licking County SWCD, All members of the partnership   | Have brochures available in five public buildings plus Hartford Fair.  | <i>Rain Barrels, Rain Gardens, What Watershed Do You Live In?</i> , and a general educational brochure on stormwater issues.  | Residents within the Licking County Partnership area                      | Information available at nine locations. (180%) Plus Hartford Fair.  | Brochures were available at the Licking County(LC) Annex, LCSWCD, LC Planning Commission, LC Engineers Office, LC Health Dept., Hebron Village Hall, Granville Village Hall, Buckeye Lake Village Hall, Madison Twp. Hall, and was at the Hartford Fair. | YES                   |
| Website<br>Licking County SWCD Township and Villages   | Place storm water information for the public on at least five websites of the LC Partnership   | Various stormwater messages that include, what is storm water run-off and how to reduce storm water run-off. Hebron: "Protect Environment by Controlling Stormwater Runoff" | Residents within the Licking County Partnership area and website visitors | Five websites utilized (100%)  | Websites for Licking County SWCD, Hebron, Granville, Granville Twp., and Madison Twp have storm water topics and links available. Information is updated as needed.  | YES                   |
| Newsletter and Newspaper articles<br>Licking County SWCD & all members of the partnership  | Print a storm water related article in each quarterly LCSWCD newsletter and target local newspapers with 6 articles throughout the year. | Highlight storm water messages of importance to the general public especially reducing non-point source pollution run-off and water conservation.                           | Adults within the Licking County Partnership area.                        | Goals were fully achieved.   | Articles were published in the Newark Advocate, Columbus Dispatch, Buckeye Lake Beacon and the Licking SWCD Conservation Notes quarterly newsletter.   | YES                   |
| Rain Barrel / Rain Garden Workshops<br>Licking SWCD  | Teach people more about their water resources, how to conserve water and make and take their own Rain Barrel.                            | Reducing runoff volume, general storm water education, watershed awareness. Express ways to reduce and prevent runoff.  | Residents within the Licking County Partnership                           | 5 workshops were completed, approx 100 participants made their own Rain Barrel. 2 Rain Garden workshops were completed reaching 60 participants. | Participants left with a better understanding of the importance of reducing storm water runoff volume and how they could restore riparian areas to improve water quality.  | YES                   |

## PUBLIC EDUCATION & OUTREACH (Continued)

Estimate Your Permit Area's Total Population: **30,000**

| BMP (mechanism) & Responsible Party  | Measurable Goal   | Theme or Message   | Target Audience   | % of Target Audience Reached   | Summary of Results  | Effective (Yes or No) |
|--|---|--|---|--|---|-----------------------|
| Rain Barrel / Rain Garden Workshops<br><br>Licking SWCD  | Teach people more about their water resources, how to conserve water and make and take their own Rain Barrel. | Reducing runoff volume, general storm water education, watershed awareness. Express ways to reduce and prevent runoff. | Residents within the Licking County Partnership   | 5 workshops were completed, approx 100 participants made their own Rain Barrel. 2 Rain Garden workshops were completed reaching 60 participants. | Participants left with a better understanding of the importance of reducing storm water runoff volume and how they could restore riparian areas to improve water quality. | YES                   |
| New Articles in Local Paper<br><br>Village of Hebron   | Write news articles to reach residents.   | Illicit Discharge, use of fertilizers & pesticides; leaf clean-up.   | All Village residents (and a large portion of Union Twp, Licking Twp. and Buckeye Lake residents) | 50%  | Wrote & submitted articles to <i>Buckeye Lake Beacon</i> for publication.   | YES                   |
| Messages on utility bills<br><br>Village of Hebron   | Reach all utility users.  | Illicit Discharge, use of fertilizers & pesticides; leaf clean up.   | All utility system users  | 100%   | Posted messages on labels placed on utility bills three times.  | YES                   |
| Direct Mailing to residents within the FEMA floodplain & fringe.<br><br>Licking County Planning Department | Send mailing to all floodplain residents.   | Scope of MS4 program and outline of Minimum Control Measures   | Residents near streams and ditches in the Partnership area. (12% of residents within UA)          | 100%   | Mailing sent by Flood Plain Administrator within the Planning Department  | YES                   |
| Student Presentations<br><br>Licking County Recycling  | Numbers of Students attending program   | Recycling & Care of the Environment  | School / Students   | 90%  | 248 Presentations reaching 5387 Students  | YES                   |
| Adult Presentation<br><br>Licking County Recycling   | Number of Adults attending programs.  | Recycling & Care of the Environment  | Adults  | 1%   | 6 Presentations reaching 138 people   | YES                   |

**PUBLIC EDUCATION & OUTREACH**

- Summarize activities you plan to undertake during the next reporting cycle.

| BMP (mechanism) & Responsible Party                   | Measurable Goal   | Theme or Message  | Target Audience   | % of Target Audience to be Reached | Summary of Planned Activities   | Proposed Schedule  |
|---|---|---|---|------------------------------------|---|--|
| Rain Barrel Workshops                                 | Teach 7 rain barrel workshops to at least 5 people  | Reducing runoff volume and building and incorporating rain barrels from your home | At least 20 Licking County Partnership residents              | 100%                               | Conduct 7 rain barrel workshops in late spring, summer, and early fall  | March-August advertise workshops   |
| Licking SWCD  |   |   |   |                                    |   | April- July: conduct the workshops   |
| Participation in 10 community events                  | Have dedicated, staffed booth at 6 different community events within the boundaries of the Licking County Partnership to distribute NPDES related information                                       | Reduce Storm water Pollution  | Residents attending the 5 community events                    | 50%                                | Pass out stormwater brochures, have a display and provide kid activities  | Participate in March- Home & Garden Show   |
| All members of the partnership                        |   |   |   |                                    |   | April – Dawes Arbor Day<br>May – Utica Ice Cream Parade<br>June – Strawberries on the Square (Newark)<br>July – Granville 4 <sup>th</sup> of July<br>September - Hebron Music Festival |
| Newsletter and Newspaper articles                     | Print a stormwater related article in each quarterly LCSWCD newsletter and submit 6 articles to local newspapers  | Reduce the non-point source pollutants running off of your property               | Licking County Partnership residents                          | 50%                                | Write storm water related articles and submit them to the newspapers and print them in the LCSWCD quarterly newsletter                      | Articles are due each quarter – Approximately January, March, June, and September.   |
| Licking SWCD and members of the partnership           |   |   |   |                                    |   |  |
| Website   | Post stormwater information and links on six websites and review storm water information located on our various websites annually   | Reduce Storm water Pollution  | General Public / Visitors of websites                         | 100%                               | Update & expand information; edit pictures, text, and links to educated people on how they can reduce storm water pollution                 | January – review current websites and make necessary changes. Throughout year: add information as it becomes available.  |
| Licking SWCD, Licking County, Townships, and Villages |   |   |   |                                    |   |  |
| School Programs                                       | To reach at least 4000 students within the Partnership and educate them on storm water pollution reduction and the importance of their soil and water resources above and below the ground surface. | "Care for your environment"   | Students in schools that serve the Licking County Partnership | 100%                               | Complete watershed education lessons utilizing the Enviroscape, Groundwater model, and topographic map lessons, landfill models in schools. | January – June and September – December conduct school programs when requested by teachers and school administration.  |
| Licking SWCD, Licking Recycling & Litter Prevention   |   |   |   |                                    |   |  |

## PUBLIC EDUCATION & OUTREACH (Continued)

- Summarize activities you plan to undertake during the next reporting cycle.

| BMP (mechanism) & Responsible Party                              | Measurable Goal                           | Theme or Message  | Target Audience   | % of Target Audience to be Reached | Summary of Planned Activities  | Proposed Schedule                        |
|--|---|---|---|------------------------------------|--|--|
| New Articles in Local Paper                                      | Write news articles.                      | Ways to minimize pollution to the storm sewer system            | All Village residents (Will also reach a large portion of Union Twp., Licking Twp., and Buckeye Lake residents) | 50%                                | Write & submit articles to <i>Buckeye Lake Beacon</i> for publication. | Quarterly                                |
| Village of Hebron  |   |   |   |                                    |  |  |
| Messages on utility bills  | Include messages four times per year      | Tips on preventing stormwater pollution.                        | All utility system users  | 100%                               | Post messages on neon labels to be placed on utility bills.            | Quarterly                                |
| Village of Hebron  |   |   |   |                                    |  |  |
| Continue Storm Sewer Stenciling                                  | Mark/Identify storm water inlets.         | No pollutants down the storm drain.                             | All residents   | 100%                               | Stencil storm sewer inlets   | Beginning in spring, as weather permits. |
| Village of Hebron  |   |   |   |                                    |  |  |
| Direct Mailing to residents within the FEMA floodplain & fringe. | Send mailing to all floodplain residents. | MS4 program information and outline of Minimum Control Measures | Residents near streams and ditches in the Partnership area. (12% of UA is within floodplain)                    | 100%                               | Include information brochure in mailing sent by Planning Department    | In March or April                        |
| Licking County Planning Department                               |   |   |   |                                    |  |  |
|  |   |   |   |                                    |  |  |
|  |   |   |   |                                    |  |  |

**PUBLIC INVOLVEMENT/PARTICIPATION**

| BMP (Activity) & Responsible Party  | Measurable Goal  | Theme or Message   | Target Audience  | Estimate of People Participated  | Summary of Results  | Effective (Yes or No) |
|---|--|--|--|--|---|-----------------------|
| Community Clean-Up<br>Licking County Recycling and Litter Prevention, Township and Villages | Encourage people to dispose of household waste properly and to beautify their community by taking an interest in the environment and their Natural Resources | Reduce trash and litter from entering waterways, Reduce storm water runoff pollution from your property  | Residents within the Licking County Partnership                              | Several community clean-ups were conducted.  | Participants enhanced their community by picking up trash along roadsides and community parks.  | YES                   |
| Recycling<br>Licking County Recycling and Litter Prevention, Township and Villages          | Encourage people to recycle their waste instead of sending it to the landfill.   | Reduce the amount of trash entering into the landfill. Improve water quality, reduce the impact on natural resources, and encourage residents to properly dispose of their waste products. | Residents within the Licking County Partnership                              | Recyclables were collected in roll off bins that are placed throughout the communities within the Licking County Partnership | Participants have improved the environment by recycling their waste products. This reduces waste that goes to the landfill and reduces the impact on our natural resources. | YES                   |
| Stormwater Task Force to meet<br>Licking County   | Two Meetings   | Compliance needs of the MS4 program and discussion of status   | Licking County Partners and interested individuals and cooperating agencies. | 11 people mtg 1<br>15 people mtg 2)  | Two Meetings held   | YES                   |
| Public Hearings For ordinances<br>Village of Granville                                      | Hold public hearings   | Ordinances: IDDE; stormwater runoff; post-construction stormwater management.  | Village residents and developers   | Unknown  | Hearings held   | YES                   |
| Adopt a Road<br>Licking County Recycling  | Place Adopt-A-Roadway signs along roadways to encourage the public to properly dispose of their trash.   | Remove Litter from the roadways to encourage proper disposal of trash and reduce the amount of litter that is washed into our waterways.   | Residents within the Licking County Partnership                              | Local residents & community groups monitor and clean-up sections of roadway three times a year.                              | Participants enhanced their community by picking up trash along roadsides and community parks. There were 75 clean-ups this year/   | YES                   |



# SMALL MS4 ANNUAL REPORT FORM

State of Ohio Environmental Protection Agency

## PUBLIC INVOLVEMENT/PARTICIPATION (Continued)

| BMP (Activity) & Responsible Party        | Measurable Goal                          | Theme or Message  | Target Audience | Estimate of People Participated | Summary of Results  | Effective (Yes or No) |
|---|--|---|-----------------|---------------------------------|---|-----------------------|
| Clean up Activities                       | Participation                            | Litter Prevention   | All             | 1500                            | Cleaned all City Parks, And sections of the Licking River | YES                   |
| Licking County Recycling                  |  |   |                 |                                 |   |                       |
| Public Displays                           | Delivery of brochures and participation. | Recycling<br>Litter Prevention<br>Protecting the Environment                            | All             | 1490                            | Distributed over 12,000 brochures.                        | YES                   |
| Licking County Recycling                  |  |   |                 |                                 |   |                       |
| Fix-up/ Cleanup Week                      | Participation<br>Collection of wastes    | Recycling, proper waste disposal, proper yard waste disposal                            | Residents       | Much of the community           | Collected waste paint & Used oil                          | YES                   |
| Village of Granville                      |  |   |                 |                                 |   |                       |
| Stormwater Topic added to Council agendas | Council meetings with such activities    | Provide the public an opportunity to discuss stormwater issues and voice their opinions | Residents       | Unknown                         | Such items were on the agenda from time to time.          | YES                   |
| Hebron Village                            |  |   |                 |                                 |   |                       |
|   |  |   |                 |                                 |   |                       |
|   |  |   |                 |                                 |   |                       |

## PUBLIC INVOLVEMENT/PARTICIPATION

- Summarize activities you plan to undertake during the next reporting cycle.

| BMP (Activity) & Responsible Party    | Measurable Goal  | Theme or Message                    | Target Audience  | Estimate of People to Participate | Summary of Planned Activities  | Proposed Schedule   |
|---------------------------------------|--|-------------------------------------|--|-----------------------------------|--|---|
| Community Clean-Up + River Sweep      | Host and track participation in community and stream clean-up programs | Licking River Watershed Sweep       | All Residents within the Licking County Partnership who are interested in volunteering to clean up the Licking River Watershed | 25                                | Complete the community clean-up and Licking River Watershed sweep in September | June – September plan transportation, litter pick-up sites, and canoe logistics |
|                                       |  |                                     |  |                                   |  | September – host the Licking River Watershed Sweep                              |
| Public Form for Comments              | Storm water topic put on Village Council Agenda                        | MS4 program                         | All concerned residents  | 4                                 | Publicize opportunity for public comment at Council meeting.                   | Quarterly in CY 2011  |
| Village of Hebron                     |  |                                     |  |                                   |  |   |
| Stormwater Task Force to meet.        | Two meetings   | Compliance with MS4 program         | Licking County Partners and cooperating agencies   | 12 people                         | Two meetings   | One per half.   |
| Licking County                        |  |                                     |  |                                   |  |   |
| Hazardous Waste Recycling             | Collection of Hazardous wastes   | Proper disposal of Hazardous wastes | Entire county  | 2500                              | Hold 2 hazardous waste recycling days.   | Dates to be determined  |
| Licking County Recycling and Partners |  |                                     |  |                                   |  |   |
|                                       |  |                                     |  |                                   |  |   |
|                                       |  |                                     |  |                                   |  |   |



## ILLICIT DISCHARGE DETECTION & ELIMINATION (IDDE)

| BMP & Responsible Party  | Measurable Goal  | Completed (Yes or No) | Cite Local Code(s) Being Used (If available, web link for code(s))  | Summary of Results or Activities  | Effective (Yes or No)    |            |                       |
|--|--|-----------------------|---|---|--------------------------|------------|-----------------------|
| Ordinance or Other Regulatory Mechanism  | Regulations, Ordinances and Resolutions in place & kept current. | Yes                   | <a href="http://www.hebronvillage.com/stormwater.html">http://www.hebronvillage.com/stormwater.html</a><br><a href="http://www.lcounty.com/cc/Resolutions/63/63-311.pdf">http://www.lcounty.com/cc/Resolutions/63/63-311.pdf</a><br>Granville: Chapter 1198 Codified Ordinances           | Hebron & Buckeye Lake Ordinances being utilized.<br>Village of Granville Ordinances finalized after public hearings and being utilized.<br>LC Commissioner's Resolutions being utilized | YES                      |            |                       |
| Licking County Board of Commissioners; Hebron; Buckeye Lake, Village of Granville; LC Health Dept. |  |                       |   |   |                          |            |                       |
| BMP & Responsible Party  | Measurable Goal  | Completed (Yes or No) | Summary of Activities or Updates  |   | Effective (Yes or No)    |            |                       |
| Storm Sewer System Map   | Map additional outfalls as discovered in MS4 UAs                 | Yes                   | Additional outfalls have been located and mapped in a GIS maintained by the County. This is in addition to those observed during the Initial Outfall Reconnaissance. Re-characterize outfalls misidentified as discovered.  |   | YES                      |            |                       |
| Licking County Engineer Staff Village of Granville (Consultant)                                    | Map storm sewer system in MS4 UAs                                | Partially             | Village of Granville provided their stormwater utility map. Storm sewer system field location is on-going; GIS map development is in progress.  |   |                          |            |                       |
| BMP & Responsible Party  | Measurable Goal  | Completed (Yes or No) | Summary of Activities or Updates  |   | Effective (Yes or No)    |            |                       |
| HSTS Mapping and List  | Map and List HSTS in MS4 UAs                                     | Partially             | All known or discovered HSTS outfalls have been located and mapped in a GIS. Additional HSTS outfalls have been identified and mapped. LCHD has identified all septic systems in Granville Twp and Village of Granville.  |   | NO                       |            |                       |
| Licking County Engineer (LCEO) Licking County Health Dept. (LCHD)                                  |  |                       |   |   |                          |            |                       |
| BMP & Responsible Party  | Measurable Goal  | Completed (Yes or No) | Summary of Activities or Updates  |   | Effective (Yes or No)    |            |                       |
| IDDE Plan  | Have IDDE plan in place as adopted by LCHD                       | YES                   | The LCEO works closely with the LC Health Department regarding problem HSTS discharges; it is the LCHD's responsibility to work with property owners to remedy problems with HSTS. An informal agreement has been made with Licking County Water & Waste Water for water quality testing. |   | YES                      |            |                       |
| LC Engineer's Office LC Health Department  |  |                       |   |   |                          |            |                       |
| BMP & Responsible Party  | Measurable Goal  | Completed (Yes or No) | # of Outfalls Screened  | # of Dry-Weather Flows Identified   | # Of Illicit Discharges: |            | Effective (Yes or No) |
| Dry-Weather Screening of Outfalls<br><b>Total # of Outfalls 376</b>                                | Screen 100% of Outfalls by end of permit period                  | No                    | 110 in 2010<br>106 in 2011<br>216 total   | 31  | Identified*              | Eliminated | NO                    |
|  |  |                       |   |   | 12                       | 0          |                       |
| LC Engineer's Office; Village of Granville   |  |                       |   |   |                          |            |                       |

\*Include an attachment which provides schedules for elimination of illicit connections that have been identified but have yet to be eliminated.

## ILLICIT DISCHARGE DETECTION & ELIMINATION (IDDE)

- Summarize activities you plan to undertake for the next reporting cycle.

| BMP & Responsible Party                   | Measurable Goal   | Summary of Planned Activities   | Proposed Schedule  |
|---|---|---|--|
| Ordinance or Other Regulatory Mechanism   | Review legislation as necessary   | LCHD, LCEO and Partners will determine if modifications or additions needed.  | Review Legislation Needs at a regular Partnership meeting.<br>Enact necessary changes by 2 <sup>nd</sup> quarter of 2013           |
| LC Health Dept.; Licking County; Villages |   |   |  |
| Storm Sewer System Map                    | Progress toward completion of all storm sewers in MS4 UAs<br><br>Obtain existing mapping where available and coordinate with partners to map other areas  | Mapping to be compiled from existing documents of file and field observations by LCEO with cooperation of Partners.   | Field mapping will take place as weather conditions permit. Target for completion of field mapping is by end of 2012, if possible. |
| LCEO & Villages                           |   |   |  |
| HSTS Mapping and List                     | Identify types of HSTS and develop list of landowners and addresses with potentially discharging HSTS<br><br>Develop maps of potentially discharging HSTS | Work with LCHD and other entities to compile list and map of HSTS sites<br><br>Work with LCHD to eliminate HSTS sources of pollution where they exist                                 | Ongoing until completion   |
| LCEO & LCHD                               |   |   |  |
| IDDE Plan                                 | Utilize the State Model IDDE Plan   | Work with Partners utilize the State Model IDDE Plan  | Review progress at periodic Partnership meetings.  |
| LCEO & LCHD                               |   |   |  |
| Dry-Weather Screening of Outfalls         | Address flowing outfalls not previously screened.   | Field-inspect all MS4 stormwater outfalls not previously dry-weather screened. Partnership area that remains: part of Hebron, most of Granville Twp., Village of Granville, Etna Twp. | Target completion: December 2012; continue until completed then begin new cycle.   |
| LCEO (or partners)                        |   |   |  |

**CONSTRUCTION SITE RUNOFF CONTROL**

| BMP & Responsible Party  | Measurable Goal                           | Completed (Yes or No) | Cite Local Code(s) Being Used (If available, web link for code(s))   |                          |  | Summary of Results or Activities                                     | Effective (Yes or No) |
|--|---|-----------------------|--|--------------------------|--|--|-----------------------|
| Ordinance or Other Regulatory Mechanism<br>LCPC and Villages   | Have Ordinances and Resolutions in place. | YES                   | LC Subdivision Regulations:<br><a href="http://www.lcounty.com/Planning/PDF/Subdivision%20Regulations.pdf">http://www.lcounty.com/Planning/PDF/Subdivision%20Regulations.pdf</a><br>Hebron: Ordinance 10-10 regarding Sediment and Erosion Control<br>Village of Granville: Chapter 1199 Codified Ordinances |                          |  | Most regulations are in place  | YES                   |
| BMP & Responsible Party  | Measurable Goal                           | Completed (Yes or No) | Standards Being Used   |                          |  | Summary of Results or Activities                                     | Effective (Yes or No) |
| Sediment and Erosion Control Requirements<br>LCPC and Villages | Have Legislation in place.                | YES                   | LC Subdivision Regulations<br>Village Ordinances<br>Based on ODNR Rainwater & Land Development Manual  |                          |  | Most legislation is in place. Hebron Subdivision Regulations updated | YES                   |
| BMP & Responsible Party  | Measurable Goal                           | Completed (Yes or No) | Complaints   |                          | Summary of Results or Activities   | Effective (Yes or No)  |                       |
|  |   |                       | Received   | Followed-Up On           |  |  |                       |
| Complaint Process<br>LCPC/SWCD/Villages                        | Have process in place                     | Partially             | 6  | 6                        | Most entities have process in place<br>All Complaints resolved or in process   | YES  |                       |
| BMP & Responsible Party  | Measurable Goal                           | Completed (Yes or No) | # of Applicable Sites Requiring Plans  | # of Plans Reviewed      | Summary of Results or Activities   | Effective (Yes or No)  |                       |
| Site Plan Review Procedures<br>LCPC/LCSWCD/Villages            | Review all site plans                     | YES                   | 7  | 10                       | All site plans in LC and Villages were reviewed.                               | YES  |                       |
| BMP & Responsible Party  | Measurable Goal                           | Completed (Yes or No) | Site Inspections Performed   |                          |  | Summary of Results or Activities                                     | Effective (Yes or No) |
|  |   |                       | # of Applicable Sites  | # Performed              | Avg. Frequency   |  |                       |
| Site Inspection Procedures<br>LCSWCD/LCEO and Villages         | Inspect all sites at least once.          | YES                   | 7  | 23                       | Monthly at a minimum. Generally bi-weekly                                      | All sites visited at least once by county or village personnel.      | YES                   |
| BMP & Responsible Party  | Measurable Goal                           | Completed (Yes or No) | Violations   |                          | Summary of Results or Activities   | Effective (Yes or No)  |                       |
|  |   |                       | # of Violation Letters   | # of Enforcement Actions |  |  |                       |
| Enforcement Procedures<br>LCPC and Villages                    | Address any problem areas                 | YES                   | 2  | 0                        | Items were addressed and resolved on-site or after receipt of violation letter | YES  |                       |

\*Include an attachment which identifies applicable sites within your jurisdiction for this reporting period.

## CONSTRUCTION SITE RUNOFF CONTROL

- Summarize activities you plan to undertake during the next reporting cycle.

| BMP & Responsible Party                   | Measurable Goal  | Summary of Planned Activities  | Proposed Schedule              |
|---|--|--|--------------------------------|
| Ordinance or Other Regulatory Mechanism   | Have Legislation in place  | Review provisions of LC Subdivision Regulation and Village Ordinances periodically   | Review as needed during CY2012 |
| LCPC and Villages                         |  |  |                                |
| Sediment and Erosion Control Requirements | Have Legislation in place  | County and Villages will continue to have an effective program                       | Ongoing                        |
| LCPC and Villages                         |  |  |                                |
| Complaint Process                         | Have Process in place  | LCPC, LCEO, LCSWCD and Villages will continue to have an effective program in place. | Ongoing                        |
| LCPC/LCSWCD/LCEO/Villages                 |  |  |                                |
| Site Plan Review Procedures               | All Site Plans include an effective SWPPP                              | Review all site plans and require compliance with General Construction Permit        | Ongoing                        |
| LCPC/LCSWCD/Villages                      |  |  |                                |
| Site Inspection Procedures                | Inspect all sites at least one time and periodically until completion. | Inspect all sites at least monthly   | Ongoing                        |
| LCPC/LCSWCD/Villages                      |  |  |                                |
| Enforcement Procedures                    | Process in place and Successfully address issues.                      | Address issues as they arise.  | Ongoing                        |
| LCPC and Villages                         |  |  |                                |

**POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT**

| BMP & Responsible Party                 | Measurable Goal                           | Completed (Yes or No) | Cite Local Code(s) Being Used (If available, web link for code(s))  |   | Summary of Results or Activities   | Effective (Yes or No) |
|---|---|-----------------------|---|---|--|-----------------------|
| Ordinance or Other Regulatory Mechanism | Have regulations in place                 | YES                   | LC Subdivision Regulations<br>Village Ordinances<br>(Granville: Chapter 1197 Codified Ordinances)<br>(Hebron Ordinance 08-10) |   | Regulations are in place   | YES                   |
| LCPC/Villages                           |   |                       |   |   |  |                       |
| BMP & Responsible Party                 | Measurable Goal                           | Completed (Yes or No) | Structural and/or Non-Structural Standards Being Used   |   | Summary of Results or Activities   | Effective (Yes or No) |
| Post-Construction Requirements          | Have requirements in place                | YES                   | BMPs based on Rainwater and Land Development Manual. & ODOT L&D; OEPA General Construction Permit criteria included           |   | Appropriate BMPs being required.   | YES                   |
| LCPC/Villages                           |   |                       |   |   |  |                       |
| BMP & Responsible Party                 | Measurable Goal                           | Completed (Yes or No) | # of Applicable Sites Requiring Post-Const. BMPs  | # of Plans Reviewed                         | Summary of Results or Activities   | Effective (Yes or No) |
| Site Plan Review Procedures             | Review site plans prior to construction   | YES                   | 2 (new sites)   | 4   | All new plans were reviewed.   | YES                   |
| LCPC/LCSWCD/Villages                    |   |                       |   |   |  |                       |
| BMP & Responsible Party                 | Measurable Goal                           | Completed (Yes or No) | Site Inspections Performed  |   | Summary of Results or Activities   | Effective (Yes or No) |
|   |   |                       | # Performed   | Avg. Frequency                              |  |                       |
| Site Inspection Procedures              | Inspect all sites during construction     | YES                   | 1 (active site)   | Monthly (at a minimum)                      | Active sites were sufficiently inspected   | YES                   |
| LCPC/LCSWCD/Villages                    |   |                       |   |   |  |                       |
| BMP & Responsible Party                 | Measurable Goal                           | Completed (Yes or No) | Violations  |   | Summary of Results or Activities   | Effective (Yes or No) |
|   |   |                       | # of Violation Letters  | # of Enforcement Actions                    |  |                       |
| Enforcement Procedures                  | Enforce regulations                       | YES                   | 17  | 0   | Letters of violation sent based on failure to properly maintain BMPs. 11 Sites now in full compliance, others in progress. | YES                   |
| LCPC/Villages                           |   |                       |   |   |  |                       |
| BMP & Responsible Party                 | Measurable Goal                           | Completed (Yes or No) | # of Sites Requiring Plans/Agreements   | # of Plans Developed/Agreements in Place    | Summary of Results or Activities   | Effective (Yes or No) |
| Long-Term O&M Plans/Agreements          | Require O & M plans for applicable sites. | YES                   | 1(new site unknown # of complete sites)   | 1 for new site, 7 for other completed sites | Recent sites best at following regulations   | YES                   |
| LCPC/LCSWCD/Villages                    |   |                       |   |   |  |                       |

## POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT

- Summarize activities you plan to undertake for the next reporting cycle.

| BMP & Responsible Party                 | Measurable Goal   | Summary of Planned Activities   | Proposed Schedule                           |
|---|---|---|---|
| Ordinance or Other Regulatory Mechanism | Keep regulations current  | Review regulations and revise as necessary  | Ongoing                                     |
| Licking County and Villages             |   |   |   |
| Post-Construction Requirements          | Ensure construction plans include appropriate post-construction BMPs                              | Review plans for inclusions of appropriate BMPs   | As plans are submitted                      |
| LCPC, LCEO, LCSWCD and Villages         |   |   |   |
| Site Plan Review Procedures             | Ensure construction plans include appropriate post-construction BMPs                              | Review plans for inclusions of appropriate BMPs   | As plans are submitted                      |
| LCPC, LCEO, LCSWCD and Villages         |   |   |   |
| Site Inspection Procedures              | Inspect sites for proper inclusion and installation of BMPs                                       | Inspect BMPs. periodically during construction for such.  | As necessary                                |
| LCPC, LCEO, LCSWCD and Villages         |   |   |   |
| Enforcement Procedures                  | Require BMPs to be effectively constructed and put in service by conclusion of the project phase. | Identify any deficient sites and require compliance by agreement or through formal enforcement process.           | As necessary during site development.       |
| LCPC, LCEO, and Villages                |   |   |   |
| Long-Term O&M Plans/Agreements          | Require and obtain properly written O & M Plans for each applicable site.                         | Review all plans and agreements submitted and develop or review tracking system for existing and new site O & Ms. | Review plans and agreements upon submittal. |
| LCPC, LCEO, LCSWCD and Villages         |   |   |   |

## POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

| BMP & Responsible Party   | Measurable Goal   | Completed (Yes or No)                   | Topic(s)  | Targeted Audience  | # of Employees Attended  | Summary of Activity   | Effective (Yes or No)                  |
|---|---|---|---|--|--|---|--|
| Employee Training Program   | Train 25% of employees  | Licking County, Hebron, Granville – Yes | Illicit Discharge identification/reporting<br>Municipal stormwater pollution prevention;<br>Pesticide usage | Field/road & shop crews.   | 73 (>90% of employees)   | Obtained & developed training materials; County provided training; Hebron held in-house training. | YES                                    |
| Licking County, Townships, Villages   |   | Buckeye Lake – No<br>Townships – Most   |   |  |  |   |  |
| <b>List of Municipal Facilities Subject to Program</b>  |   |   |   |  | <b>O&amp;M Procedures Developed for Facilities (Yes or No)</b>                       | <b># of Facility Inspections Performed</b>  | <b>Frequencies of Such Inspections</b> |
| Licking County Highway Garage; Hebron Village Maintenance Garage; Buckeye Lake Maintenance Garage; Village of Granville Maintenance Garage; Madison Twp Maintenance Garage; Union Twp Maintenance Garage; Newton Township Garage; Newark Township Garage. |   |   |   |  | Hebron, Licking County, Village of Granville – YES; others – General plans developed | Hebron, 0 for others  | Annually                               |
| <b>MS4 Maintenance</b>  | <b>Summarize Maintenance Activities and Schedules</b>   |   |   | <b>Summarize Activities Performed</b>  |  |   |  |
|   | Clean storm system catch basins as necessary<br>Repair systems as necessary<br>Maintain & mow or spray County Ditches |   |   | Licking County – cleaned catch basins at Highway Garage<br>Hebron & Village of Granville – cleaned selected catch basins |  |   |  |
| <b>Disposal of Wastes</b>   | <b>Procedures Developed (Yes or No)</b>   |   | <b>Document Amounts of Wastes Properly Disposed</b>   |  |  |   |  |
|   | YES   |   | 30 CY (to sanitary landfill)  |  |  |   |  |
| <b>Road Salt</b>  | <b>Covered (Yes or No)</b>  |   | <b>Tons Used</b>  | <b>Summarize Measures Taken to Minimize Usage</b>  |  |   |  |
|   | YES – all partners  |   | 6425 Tons salt plus 63K gal. Brine for all partners – all roads including non-UAs                           | Most partners include sand or grit with the salt to extend its volume; less near storm sewer catch basin in lets.        |  |   |  |
| <b>Pesticide &amp; Herbicide Usage</b>  | <b>Procedures Developed (Yes or No)</b>   |   | <b>Gallons Used</b>   | <b>Summarize Measures Taken to Minimize Usage</b>  |  |   |  |
|   | YES   |   | 571 gal of various products (both herbicides and insecticides)  | Followed label directions. Used care to avoid non-target applications. Spot sprayed materials where appropriate.         |  |   |  |
| <b>Fertilizer Usage</b>   | <b>Procedures Developed (Yes or No)</b>   |   | <b>Pounds Used</b>  | <b>Summarize Measures Taken to Minimize Usage</b>  |  |   |  |
|   | YES   |   | 0   | Trained staff to use care in application and avoid use near drainageways, catch basins. or open water.                   |  |   |  |
| <b>Street Sweeping</b>  | <b>Procedures Developed (Yes or No)</b>   |   | <b>Document Amount of Material Collected and Properly Disposed</b>  |  |  |   |  |
|   | YES   |   | 10 Tons to sanitary landfill  |  |  |   |  |
| <b>Flood Management Projects</b>  | <b>Summarize any New or Existing Flood Management Projects that were Assessed for Impacts on Water Quality</b>        |   |   |  |  |   |  |
|   | No flood management projects at this time.  |   |   |  |  |   |  |

**POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS**

- Summarize activities you plan to undertake for the next reporting cycle.

| BMP & Responsible Party               | Measurable Goal   | Summary of Planned Activities   | Proposed Schedule   |
|---------------------------------------|---|---|---|
| Employee Training Program             | Train all involved employees  | Hold training sessions, obtain training sources & materials for Partnership, or support Partners with their training efforts. | One or more for County & Partners in 2012<br>Training for Etna Twp 1 <sup>st</sup> qtr.<br>Training for Buckeye Lake Village 2 <sup>nd</sup> qtr. |
| All Partners                          |   |   |   |
| List of Facilities Subject to Program | Licking County Garage; Hebron Village Garage; Buckeye Lake Garage; Village of Granville Garage; Madison Twp Garage; Union Twp Maintenance Garage; Newton Township Garage; Newark Township Garage. | Keep list current<br>Develop SWPPP for facilities without.  | Ongoing list, needed plans developed by end of 2 <sup>nd</sup> qtr  |
| All Partners                          |   |   |   |
| MS4 Maintenance                       | Inspect all municipal facilities.   | Inspect all municipal facilities  | Inspect all facilities during 2012  |
| All Partners                          |   |   |   |
| Disposal of Wastes                    | Dispose of all wastes properly  | Dispose of wastes in dumpster (sent to sanitary land fill) or as appropriate  | Ongoing   |
| All Partners                          |   |   |   |
| Road Salt                             | Keep salt covered and minimize usage  | Inspect salt storage facilities   | Third Quarter of 2012   |
| All Partners                          |   |   |   |
| Pesticide & Herbicide Usage           | Use pesticides and herbicides according to FIFRA  | Use pesticides and herbicides only as necessary for control of target. (Ditch maintenance; ROW maintenance, etc.)             | Throughout growing season 2012  |
| All Partners                          |   |   |   |
| Fertilizer Usage                      | Use fertilize only as necessary.  | Use fertilize to promote vegetation (grass) for erosion control where needed; limit phosphorus fertilizer usage.              | As required during 2012 growing season  |
| All Partners                          |   |   |   |
| Street Sweeping                       | Properly dispose of street sweepings  | Send street sweeping & catch basin debris to sanitary landfill; keep stored debris accumulation under cover                   | Throughout 2012   |
| All Partners                          |   |   |   |
| Flood Management Projects             | Evaluate all new flood management projects in MS4   | Assess new flood management projects for impacts on water quality   | Review project as they are proposed.  |
| All Partners                          |   |   |   |



### PROPOSED CHANGES TO YOUR SWMP (IF ANY)

- Summarize any proposed changes to your SWMP, including changes to any BMPs or any identified measurable goals that apply to the program elements. If you fail to satisfy measurable goals for the reporting year, please explain why.

#### MCM#3 comments:

- 2010 Annual Report Supplemental Document Action Item 1: Stormwater...outfalls...to be located, mapped, and dry weather screening performed on each outfall. – Licking County Engineer's Office (LCEO) has taken the lead toward this effort and has been performing the data collection (rather than the LC Soil & Water Conservation District). Initial Outfall Reconnaissance (ORI) was completed in CY2010. A total of 1027 outfalls (including private/exempt and key points) were identified. Limited Dry Weather Screening (DWS) was been completed; there were 153 dry outfalls of the MS4s' 361 outfalls documented. During CY2011, approximately 106 outfalls were DWS, and an additional 15 MS4 Storm System outfalls were identified and mapped. It is anticipated the remaining MS4 Storm System Outfalls can be DWS during CY2012. This will be a higher priority than storm system mapping.
- Storm Sewer system Mapping was started on a small scale in CY2010. Much of the mapping fieldwork and some paper documents were scanned during CY2011. It was not possible to complete fieldwork of the storm system mapping this past year. It is anticipated that most of the remaining fieldwork can be performed in CY2012. The LCEO is performing mapping for the townships and assisting villages. Most villages have some storm sewer mapping, although not all of it is in a GIS at this time.
- 2010 Annual Report Supplemental Document Action Item 2: HSTS mapping is partially complete; outfalls found during the ORI have been documented and mapped. Of 39 HSTS outfalls found, 21 may have illicit discharges; of those 21, the Licking County Health Department (LCHD) in CY2010 addressed four, with resolution of the remaining 17 in progress. The LCEO is cooperating with the LCHD to address these issues, which is ongoing. The LCHD has identified all septic systems in Granville Township. It is anticipated GIS mapping of that information can be completed in CY2012. The LCHD will continue to identify HSTS in other communities as manpower permits.
- No formal IDDE plan has been written by the Partnership, but the LCHD has provided guidance and procedures as found in Illicit Discharge Detection and Elimination Manual, This Manual has become the general operating guideline manual for the illicit discharge program.

#### MCM#6 comments:

- All partners have a basic Municipal Pollution Prevention plan, if not one specific to their communities. There are some facilities still needing the SWPPP. It is planned to have those all completed by mid-year.

### VARIANCES GRANTED (IF ANY)

- Identify and summarize any variances granted under your storm water program.

# Licking County Partnership

## NPDES Phase 2 Stormwater Program

### Table of Organization

Licking County Commissioners  
 740-670-5110  
 Tim Bubb, Brad Feighner, Doug Smith

- Village of Buckeye  
 Lake Valerie Hans  
 740/928-7100  
 bservice@roadrunner.com
- Village of Granville  
 Alison Terry  
 740/587-3397  
 aterry@granville.oh.us
- Village of Hebron  
 Linda Nicodemus  
 adminlhasst@hebronvillage.com
- Licking County  
 Kurt Simross  
 740-670-5280  
 ksimross@county.com  
 Dan Blatter  
 dblatter@county.com
- Ena Township  
 John Carlisle  
 740-927-7717  
 trustdecarlisle@insight-bd.com
- Granville Township  
 Dan Vanless  
 740-587-3885  
 danvanless@granvilletownship.org
- Licking Township  
 Joe Hart  
 jhart@windstream.net
- Madison Township  
 Karen Barger  
 karenbarger@windstream.net
- Newton Township  
 Scott Ellis  
 ellisfarms@windstream.net
- Newark Township  
 Pat Lebold  
 740-366-3235
- Union Township  
 John Slater  
 740-404-5301  
 Paula Greene  
 740-929-3111

Licking County Engineer  
 Licking County Commissioners

Public Education & Outreach (MCM #1)  
 Public Involvement/Participation (MCM #2)

- Licking County Soil & Water Conservation District (Lindsey Grimm)
- Stormwater Task Force
- Stormwater Website
- Educational Brochure
- Public Presentations
- Newsletter Articles
- Adult Workshops & Presentations
- Volunteer & Community Service Projects

Illicit Discharge Detection & Elimination (MCM #3)

- Licking County Health Department Health Comm
- HSTS Program Implementation
- Licking County Engineer
- Buckeye Lake Granville Hebron
- HSTS Mapping
- Ordinance Oversight
- Outfall Mapping & Inspection
- System Mapping

Construction Stormwater Control (MCM #4)

- Licking County Engineer's Office
- LC Planning
- LCSWCD
- Consulting Engineer
- Licking County Engineer
- Field Inspection of Construction sites
- Review of SWMPs for County
- Review of SWMPs for County Projects
- Oversight of Erosion Control Ordinances
- Review of SWP3s for County
- Buckeye Lake
- Granville
- Hebron
- LC Planning/Consultant
- Bird & Bull
- Bird & Bull
- Review of SWP3s
- SWP3s Inspections
- Design of SWP3s for Municipal Projects
- Oversight of Ordinances

Post Construction Stormwater Management In New Development and Redevelopment (MCM #5)

- Licking County Engineer's Office
- LCSWCD
- Buckeye Lake
- Granville
- Hebron
- Oversight of Stormwater Management Ordinance
- Design of Municipal Projects
- Annual Inspections
- Review & Approval of Stormwater Management Plans & Post-construction BMPs for Private Development

Pollution Prevention/Good Housekeeping For Municipal Organizations (MCM #6)

- Licking County Engineer
- Newark TWP (SWP3)
- Newton TWP (SWP3)
- Village of Granville (SWP3)
- Licking TWP
- Village of Hebron (w/ Bird & Bull) (SWP3)
- Union TWP (SWP3)
- Village of Buckeye Lake (SWP3)
- Etha TWP
- Licking County Engineer (w/ JHA) (SWP3)
- Granville TWP
- Madison TWP (SWP3)
- Develop SWP3s for Municipal Facilities
- Implement SWP3s for Municipal Facilities
- Day to Day Maintenance of Public Facilities
- Provide Training
- Street Sweeping Program

Illicit Discharges

Schedule to address Illicit Discharges (ID) identified but not yet eliminated:

Buckeye Lake Village:

- #614 – along SR 79 outlet into No Name Creek – resample & follow-up 2<sup>nd</sup> qtr 2012
- #621 – at head of No Name Creek - originates in Walnut Twp., Fairfield County (an MS4 Community with an exemption)
- #631 – along SR 79 outlet into No Name Creek – resample & follow-up 2<sup>nd</sup> qtr 2012

Etna Township:

- #365 – In Sycamore Creek at Refugee Rd. – flow originates in City of Pataskala. Resample & notify Pataskala of results 2<sup>nd</sup> qtr 2012.
- #378 – At Royal Acres outfall into Sycamore Creek, downstream from #365. Resample and follow-up 2<sup>nd</sup> qtr 2012.

Granville Township:

- #146 – Culvert under Knoll Dr at Webster; suspect HSTS from outside UA. Resample and follow-up 2<sup>nd</sup> qtr 2012.
- #147 – Culvert under Webster at Knoll; likely HSTS connected into storm system. Resample and follow-up 2<sup>nd</sup> qtr 2012.

Hebron Village:

- #913 – Outfall into Hebron Ditch by 5<sup>th</sup> St. Suspected source is outfall into catch basin at S. 5<sup>th</sup> and Broad. Further follow-up 2<sup>nd</sup> qtr 2012

Madison Township:

- #112 – Outfall from large culvert under Bolen Rd at boundary of UA. Located on east branch of Marne Ditch. Resample and follow-up 2<sup>nd</sup> qtr 2012.
- #118 – Outfall from small culver under Bolen Rd at boundary of UA. Suspected septic treatment system outside of permit area is source of problem. Resample and follow-up 2<sup>nd</sup> qtr 2012.
- #122 – Sample point in road ditch at intersection of Valley Dr and Licking Valley Rd—downstream of Outfall #118. Fecal Coliform exceeds acceptable value, but is less than that at #118. Resample and follow-up 2<sup>nd</sup> qtr 2012.

Newark Township:

- #57 – Outfall from culvert under King Rd at Briarhill Dr. at boundary of UA. Suspect the source of any problem is from the west side of King Rd. Resample and follow-up 2<sup>nd</sup> qtr 2012.

Flood Plain Management

In addition to the unincorporated areas of Licking County, the Environmental Planning Section (Licking County Planning Department) now does floodplain management activities for the Villages of Buckeye Lake, Hebron, St. Louisville, Alexandria and the Village of Johnstown.

2012 (CY2011) MS4 report supplemental information:

List of construction sites active during reporting period (CY2011):

Hebron:

1. Commodore Bank

Union Township:

2. Coughin Auto Group, Hebron Rd. (annexed into City of Heath near end of CY2011)

Village of Granville:

3. Mill District, LLC, 1919 Lancaster Road, Granville
4. Granville Historical Society Addition, 115 East Broadway, Granville
5. Denison University, Chamberlin Lodge, 900 North Loop, Granville