

INSTRUCTIONS – DEP FORM 62-624.600(2)
ANNUAL REPORT FORM FOR INDIVIDUAL NPDES PERMITS FOR
MUNICIPAL SEPARATE STORM SEWER SYSTEMS

Who Must Submit This Annual Report Form?

- Operators of municipal separate storm sewer systems (MS4s) that are covered by an individual NPDES stormwater permit pursuant to Rule 62-624, F.A.C. must submit this form. Each permitted operator must individually complete and submit this form, even if the operator is covered under a permit with multiple co-permittees or has established an interlocal agreement with one or more co-permittees.

When to Submit This Annual Report Form?

- This form must be fully completed and submitted for each year of coverage under the NPDES stormwater permit term. The Year 1 Annual Report must cover the twelve-month period beginning on the effective date of the permit and is due six months after the first anniversary of the date of permit issuance. All subsequent annual reports are due six months after the anniversary of the effective date of the permit.

Where To Submit This Annual Report Form?

- This form and any REQUIRED attachments must be sent by mail to the address below. The form and attachments may be submitted electronically (on a disk or CD) if a signed paper copy of Section VI of this form (Certification Statement and Signature) is also submitted. Do not submit any materials not specifically required to be submitted as per Section V of this form.

Florida Department of Environmental Protection
NPDES Stormwater Section
Mail Station 2500
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Section I: BACKGROUND INFORMATION

- Row A — Provide the name of the governmental entity submitting this form. For example, “City of Lauderhill.”
- Row B — Provide the name of the permit as it appears on the first page of your permit. For example, “Broward County MS4.” The permit name will not necessarily be the same name provided in Row A if the permit covers multiple co-permittees. If the name of the permit is the same name provided in Row A, repeat the name in Row B – do not leave the row blank.
- Row C — Provide the last two digits of your permit number as it appears on the first page of your permit.
- Row D — Indicate which permit year the annual report covers. If the permit year is beyond Year 5, check the last box and provide the appropriate permit year number.
- Row E — Indicate the twelve-month period the annual report covers. Provide the month and year for the beginning of the period and the month and year for the end of the period. For example, “March/2003 through February/2004.” Do not provide the day.
- Row F — Provide contact information for your Responsible Authority. The definition of a Responsible Authority can be found at Rule 62-620.305, F.A.C.
- Row G — Provide contact information for the Designated Stormwater Management Program Contact if it isn't the same person as the Responsible Authority identified in Row F, otherwise leave this section blank. The Stormwater Management Program Contact is the technical person that oversees the stormwater program and is the primary contact for when the Department has questions about the annual report, is scheduling an annual inspection, or needs to discuss miscellaneous issues concerning implementation of the permit.

Section II: MS4 MAJOR OUTFALL INVENTORY

- This section is required to be completed in all permit years EXCEPT Year 1. In Year 1, you are required to provide an inventory and a map of all known major outfalls, in accordance with Rule 62-624.600(2)(a), F.A.C. In all subsequent permit years, you need to only provide any updates to the inventory by completing this section.
- The definition of a “major” outfall can be found at Rule 62-624.200(5), F.A.C.

- **Row A** — This row contains two separate questions. First, provide the number of outfalls ADDED to the outfall inventory in the current reporting year. If no outfalls were added, insert a “0” – do not leave it blank. Second, indicate whether the number of outfalls added includes any “non-major” outfalls by checking one of the following:
 - “Yes” if the number includes non-major outfalls
 - “No” if the number does not include non-major outfalls, or
 - “Not Applicable” if no new outfalls were added to the inventory.
- **Row B** — Provide the number of outfalls REMOVED from the outfall inventory in the current reporting year. If no outfalls were removed, insert “0” – do not leave it blank. Then indicate whether the number of outfalls removed includes any “non-major” outfalls by checking one of the following:
 - “Yes” if the number includes non-major outfalls
 - “No” if the number does not include non-major outfalls, or
 - “Not Applicable” if no outfalls were removed from the inventory.
- **Row C** — Indicate whether the change in the total number of outfalls in the inventory is due to land being either annexed or vacated during the reporting year by checking one of the following:
 - “Yes” if the change is due to lands annexed, lands vacated, or lands both annexed and vacated.
 - “No” if the change is not due to lands annexed or vacated, or
 - “Not Applicable” if no outfalls were reported in Rows A or B as added or removed from the outfall inventory.

Section III: MONITORING PROGRAM

- **This is the ONLY section of this form that you may reference another permittee’s annual report to satisfy your reporting requirements**, but only if that permittee is fully reporting on the monitoring program as required by this form. In you choose to reference another permittee’s annual report, you must include the name of the permittee in Row A – do not leave this section blank.
- **Row A** — Provide a brief summary of the status of monitoring plan implementation, including any problems encountered; or, if applicable, include the name of the permittee whose annual report you are referencing for the necessary monitoring information.
- **Row B** — Provide a brief summary of the monitoring results to date, including any trend analyses.
- **Row C** — Attach to the form a summary of the monitoring data as required under Rule 62-624.600(2)(c), F.A.C. Do not provide the monitoring raw data.

Section IV: FISCAL ANALYSIS

- **Row A** — Provide a single figure that most accurately represents the total expenditures for the NPDES stormwater management program (SWMP) for the current reporting year. Be sure to include the costs of all departments involved (SWMP-related activities only) and of any contracts or interlocal agreements.
- **Row B** — Provide a single figure that most accurately represents the total budget for the NPDES stormwater management program for the subsequent reporting year. Be sure to include the budgets of all the departments involved (SWMP-related activities only) and of any contracts or interlocal agreements.

Section V: MATERIALS TO BE SUBMITTED WITH THIS ANNUAL REPORT FORM

- Use the checklist in this section to determine what is required to be attached to this form. Do not submit any materials not required, such as records or logs of SWMP activities, monitoring raw data, public outreach materials, or pesticide and herbicide applicator certifications.
- For each item listed in the checklist, indicate whether it is “Attached” or “N/A” (Not Applicable). Do not leave any item unchecked.
- For the first item listed, carefully read Part III.A of your permit. In this section of your permit, certain annual reporting requirements are specified. The requirements include submitting certain quantifiable data (which are to be included in Section VII of this form) and may also include submitting non-quantifiable information, such as a copy of any stormwater-related updates to your local codes/ordinances.
- For the second item listed, indicate whether you attached the monitoring data summary requested in Section III.C of the form. If you referenced a co-permittee’s annual report for the monitoring information required in Section III, check the “N/A” box.

- For the third item listed, indicate whether you attached the major outfall inventory and a map of the major outfall locations in accordance with Rule 62-624.600(2)(a), F.A.C. This item is only applicable in Year 1. For all other reporting years, check the “N/A” box.
- For the fourth item listed, indicate whether you attached the estimates of pollutant loadings and event mean concentrations as required under Part V.A of your permit and in accordance with Rule 62-624.600(2)(b), F.A.C. This item is only applicable in Year 3. For all other reporting years, check the “N/A” box.
- For the fifth item listed, indicated whether you attached your permit re-application in accordance with the re-application requirements in Rule 62-624.420(2), F.A.C. This item is only applicable in Year 4. For all other reporting years, check the “N/A” box.

Section VI: CERTIFICATION STATEMENT AND SIGNATURE

- The Responsible Authority listed in Section I.F of this form must sign the certification statement provided in this section, in accordance with Rule 62-620.305, F.A.C. The annual report form will be returned to the permittee if the required signature is not included. If you choose to submit the annual report and attachments electronically, a signed paper copy of this section must also be submitted.

Section VII: STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE

- Column A — Columns B through F must be completed for each SWMP element indicated by the permit citation in Column A. No information is to be inserted by the permittee in this column.
- Column B — Provide a summary of the permit requirements in Part III.A of your permit for each SWMP element and, underneath the summary, list the quantifiable SWMP activities related to the requirements. The particular quantifiable SWMP activities are specific to each permittee, but must include, at a minimum, the quantifiable activities that are required by the permit to be reported.
- Column C — Provide a number representing the activities performed in the current reporting year for each of the quantifiable SWMP activities you listed in Column B. This column may not be left blank for any of the quantifiable SWMP activities listed in Column B.
- Column D — Provide a title or description of the record that documents each number you provided in Column C. For example, “Daily Work Orders,” “Illicit Complaint/Investigation Forms and Log,” or “Construction Inspection Checklists and Log.” If the activity is recorded entirely in an electronic database system, you may provide the name of the system, such as the “Hansen Model.” This column may not be left blank for any of the numbers provided in Column C.
- Column E — Provide the name of your department/division that is responsible for performing each of the SWMP activities listed in Column B, or provide the name of the co-permittee, private contractor, or other entity that is performing the activities on your behalf. Try to be as specific as possible by including, for example, the name of the employee responsible for a particular SWMP activity if only that employee can answer any questions concerning the activity. This column may not be left blank for any of the SWMP activities listed in Column B.
- Column F — This column allows for any brief comments you determine are necessary to explain the information you provided in Columns C, D, and E.

Section VIII: CHANGES TO STORMWATER MANAGEMENT PROGRAM (SWMP) ACTIVITIES

- This section is to be completed, as applicable, in all permit years EXCEPT Year 4. In Year 4, any desired changes to your SWMP activities should be included in your permit re-application that is to be attached to the Year 4 Annual Report Form.
- Row A — If applicable, include in this row any requested changes to your SWMP activities that are established as specific requirements under Part III.A of your permit. Provide the permit citation/SWMP element that corresponds to the SWMP activity you want changed, describe the requested change, and provide a rationale for the change. Such changes cannot be implemented without prior approval from the Department and may require a permit revision in accordance with Rule 62-620.325, F.A.C.
- Row B — If applicable, include in this row any changes to your SWMP activities that are NOT established as specific requirements under Part III.A of your permit but rather are activities at the discretion of the permittee. Provide the permit citation/SWMP element that corresponds to the SWMP activity you have changed, describe the change, and provide a rationale for the change.



ANNUAL REPORT FORM FOR INDIVIDUAL NPDES PERMITS FOR MUNICIPAL SEPARATE STORM SEWER SYSTEMS (RULE 62-624.600(2), F.A.C.)

- This Annual Report Form must be completed and submitted to the Department to satisfy the annual reporting requirements established in Rule 62-621.600, F.A.C.
- Submit this fully completed and signed form and any REQUIRED attachments by mail to the address in the box at right.
- Refer to the Form Instructions for guidance on completing each section.
- **Please print or type information in the appropriate areas below.**

Submit the form and attachments to:
 Florida Department of Environmental Protection
 Mail Station 2500
 2600 Blair Stone Road
 Tallahassee, Florida 32399-2400

SECTION I. BACKGROUND INFORMATION

| | | | |
|------------------------------------|--|--------------------------|-------------|
| A. | Permittee Name: East County Water Control District | | |
| B. | Permit Name: Lee County Municipal Separate Storm Sewer System | | |
| C. | Permit Number: FLS000035 | | |
| D. | Annual Report Year: <input type="checkbox"/> Year 1 <input type="checkbox"/> Year 2 <input type="checkbox"/> Year 3 <input type="checkbox"/> Year 4 <input checked="" type="checkbox"/> Year 5 <input type="checkbox"/> Other, specify Year: | | |
| E. | Reporting Time Period (month/year): 03/08 through 02/09 | | |
| F. | Name of the Responsible Authority: David Lindsay | | |
| | Title: District Manager | | |
| | Mailing Address: 601 East County Lane | | |
| | City: Lehigh Acres | Zip Code: 33936 | County: Lee |
| | Telephone Number: 239-368-0044 | Fax Number: 239-368-3412 | |
| E-mail Address: DLindsay@ecwcd.com | | | |
| G. | Name of the Designated Stormwater Management Program Contact (if different from Section I.F above): Ken Waugh | | |
| | Title: Field Superintendant | | |
| | Department: Dept. 2 | | |
| | Mailing Address: 601 east County Lane | | |
| | City: Lehigh Acres | Zip Code: 33936 | County: Lee |
| | Telephone Number: 239-368-0044 | Fax Number: 239-368-3412 | |
| E-mail Address: kwaugh@ecwcd.com | | | |

SECTION II. MS4 MAJOR OUTFALL INVENTORY (Not Applicable In Year 1)

| | |
|-----------|--|
| A. | Number of outfalls ADDED to the outfall inventory in the current reporting year (insert "0" if none): 0 (Does this number include non-major outfalls? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable) |
| B. | Number of outfalls REMOVED from the outfall inventory in the current reporting year (insert "0" if none): 0 (Does this number include non-major outfalls? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable) |
| C. | Is the change in the total number of outfalls due to lands annexed or vacated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable |

SECTION III. MONITORING PROGRAM

Provide a brief statement as to the status of monitoring plan implementation:

ECWCD has an ongoing contract with the City of Cape Coral, Inc. to collect monthly samples from 19 surface water monitoring stations. Testing is performed in three different levels.

Monthly samples include: BOD, Chlorides, Fecal Coliform, Fecal Strep, TSS, TDS, Turbidity, Conductivity, DO, and PH.

A. Quarterly sampling includes all monthly parameters plus: Nitrate-N, Nitrite-N, Total Nitrogen, Total Kjeldahl Nitrogen, Total Phosphorous and Ammonia-N.

Semi-annually includes the addition of: COD, Lead, Copper, Chromium, Zinc, Oil and Grease.

The district understands that the NPDES permit requirements may amend the testing requirements. ECWCD has been recording water quality data at 19 sampling stations for over 20 years.

Provide a brief discussion of the monitoring results to date:

B. The wet season data is more reflective of surfacewater runoff while the dry season demonstrates the impacts of base flow conditions. DO and Chl-a are generally higher in the dry season than in the wet season, while nutrients have inverse relationship.

C. Attach a monitoring data summary, as required by the permit.

SECTION IV. FISCAL ANALYSIS

A. Total expenditures for the NPDES stormwater management program for the current reporting year: \$4,480,098.00

B. Total budget for the NPDES stormwater management program for the subsequent reporting year: \$4,507,499.00

SECTION V. MATERIALS TO BE SUBMITTED WITH THIS ANNUAL REPORT FORM

Only the following materials are to be submitted to the Department along with this fully completed and signed Annual Report Form (check the appropriate box to indicate whether the item is attached or is not applicable):

| <u>Attached</u> | <u>N/A</u> | |
|-------------------------------------|-------------------------------------|---|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Any additional information required to be submitted in this current annual reporting year in accordance with Part III.A of your permit that is not otherwise included in Section VII below. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | A monitoring data summary as directed in Section III.C above and in accordance with Rule 62-624.600(2)(c), F.A.C. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Year 1 ONLY: An inventory of all known major outfalls and a map depicting the location of the major outfalls (hard copy or CD-ROM) in accordance with Rule 62-624.600(2)(a), F.A.C. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Year 3 ONLY: The estimates of pollutant loadings and event mean concentrations for each major outfall or each major watershed in accordance with Rule 62-624.600(2)(b), F.A.C. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Year 4 ONLY: Permit re-application information in accordance with Rule 62-624.420(2), F.A.C. |

DO NOT SUBMIT ANY OTHER MATERIALS
(such as records and logs of activities, monitoring raw data, public outreach materials, etc.)

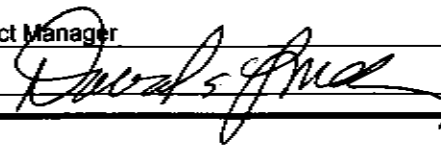
SECTION VI. CERTIFICATION STATEMENT AND SIGNATURE

The Responsible Authority listed in Section I.F above must sign the following certification statement, as per Rule 62-620.305, F.A.C:

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 gathered and evaluated the information submitted. Based upon 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 the possibility of fine and imprisonment for knowing violations.

Name of Responsible Authority (type or print): David Lindsay

Title: District Manager

Signature: 

Date: 8/19/09

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE

| A. Permit Citation/SWMP Element | B. Permit Requirement/Quantifiable SWMP Activity | C. Number of Activities Performed | D. Documentation/ Record | E. Entity Performing the Activity | F. Comments |
|---------------------------------|---|-----------------------------------|--|-----------------------------------|---|
| Part III.A.1 | Structural Controls and Stormwater Collection Systems Operation | | | | |
| | Maintain an up-to-date inventory of stormwater facilities operated by the permittee. Provide any updates to the inventory in the subsequent ANNUAL REPORT. | | | | |
| | Wet retention ponds | 3 | GIS Mapping | ECWCD | |
| | Channels/canals (miles) | 311 Miles | GIS Mapping | ECWCD | |
| | Weirs | 66 | GIS Mapping | ECWCD | |
| | Pump stations | 1 | GIS Mapping | ECWCD | |
| | Ditches/swales (miles) | 2457 linear Ft. | GIS Mapping | ECWCD | |
| | Inlets/catch basins/grates | 52 | GIS Mapping | ECWCD | |
| | Conduct inspections and maintenance of structural controls and roadway stormwater collection structures in accordance with Table II.A.1.a of the permit. Maintain an internal record keeping system to schedule and document inspections and maintenance activities performed on structural controls and roadway stormwater collection structures operated by the permittee. Report on the inspections and maintenance conducted in each ANNUAL REPORT. | | | | |
| | Wet retention pond inspections | 1 | Retention/Detention pond inspection form / Paper file | ECWCD | Retention ponds are inspected annually. All 3 ponds were inspected 1 time during this reporting period |
| | Wet retention pond maintenance | 4 | Retention/Detention pond maintenance form / Paper file | ECWCD | Retention/Detention pond maintenance was performed 4 times during the reporting period. |
| | Channel/canal inspections (miles) | 311 | Right-of-way/Canal field inspection forms / Paper file | ECWCD | All 311 miles were inspected during the reporting period. |
| | Channel/canal maintenance (miles) | | | ECWCD | Canal maintenance has been broken up into herbicide application, mechanical clean out and mowing (See totals below) |

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE

| A. Permit Citation/SWMP Element | B. Permit Requirement/Quantifiable SWMP Activity | C. Number of Activities Performed | D. Documentation/ Record | E. Entity Performing the Activity | F. Comments |
|------------------------------------|---|---|---|---|--|
| | Herbicide Application | 5249.94 Acres | Equipment maintenance Database/canals sprayed query report | ECWCD | Canals are sprayed, mowed, and mechanically cleaned out on an as needed basis. |
| | Mechanical Clean out | 50.55 Miles | Equipment maintenance Database/Monthly canal clean out totals report | ECWCD | Canals are sprayed, mowed, and mechanically cleaned out on an as needed basis |
| | Mowing | Slope mowing 3949 miles 2898 acres | Equipment maintenance Database/ Monthly flat and slope mowing totals report | ECWCD | Canals are sprayed, mowed, and mechanically cleaned out on an as needed basis. |
| | | Flat mowing 1415 miles 4681 acres | | | |
| | Weir inspections | 2 | Primary and Secondary structure inspections/Paper file | ECWCD | All primary and secondary structures were inspected 2 times during the reporting year. |
| | Weir maintenance | 58 | Structure maintenance form/Paper file | ECWCD | Weir maintenance is performed on an as needed basis. 58 of the 66 structures required maintenance during the reporting year. |
| | Pump station inspections | 1 | Pump Station Inspection File/Paper File | ECWCD | Inspected annually. Pump was not operable during the reporting period. |
| Pump station maintenance | 0 | | ECWCD | Pump station was not operable during the reporting period. No maintenance was needed. | |
| Ditch/swale inspections (miles) | 1 | Ditch/Swale – Inlet/Catch Basin/Grate Inspection file/Paper File | ECWCD | All Ditch/Swales are associated with bridges owned by ECWCD. All 2457 linear ft. is inspected annually. | |
| Ditch/swale maintenance (miles) | 1 | Equipment maintenance Database /Monthly flat and slope Mowing totals report | ECWCD | Mowed and maintained as part of the canal maintenance program. They are listed as the nearest canal name or number to the | |

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE

| A. Permit Citation/SWMP Element | B. Permit Requirement/Quantifiable SWMP Activity | C. Number of Activities Performed | D. Documentation/ Record | E. Entity Performing the Activity | F. Comments |
|---------------------------------|--|-----------------------------------|--------------------------|-----------------------------------|---|
| Part III.A.2 | Not Applicable | | | | |
| Part III.A.3 | Roadways | | | | |
| | Continue to implement the litter control programs for public highways and streets, including rights-of-way, employed within the permittee's jurisdictional area and properly dispose of collected material. Report on the litter collection activities, including the frequency of litter collection and an estimate of the quantity of litter collected, in each ANNUAL REPORT. | | | | |
| | Number of litter collections | 0 | | | All roadways and road right-of-ways are owned and operated by Lee County. |
| | Amount of litter collected (cubic yards) | 0 | | | All roadways and road right-of-ways are owned and operated by Lee County. |
| | Total miles of right-of-way maintained | 0 | | | All roadways and road right-of-ways are owned and operated by Lee County. |
| | Continue to implement standard practices employed to reduce the pollutants in stormwater runoff from areas associated with road repair and maintenance, and from permittee-owned or operated equipment yards and maintenance shops that support road maintenance activities. | | | | |
| | Applicable municipal equipment yards and maintenance shops | 0 | | | All equipment yards and maintenance shops that support road maintenance are owned and operated by Lee County. |
| | Number of inspections | 0 | | | All equipment yards and |

SECTION VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE

| A. Permit Citation/SWMP Element | B. Permit Requirement/Quantifiable SWMP Activity | C. Number of Activities Performed | D. Documentation/ Record | E. Entity Performing the Activity | F. Comments |
|---------------------------------|---|-----------------------------------|--|--|---|
| Part III.A.4 | Flood Control Projects Not Applicable | | | | maintenance shops that support road maintenance are owned and operated by Lee County. |
| Part III.A.5 | Municipal Waste Treatment, Storage, and Disposal Facilities Not Covered by an NPDES Stormwater Permit Not Applicable | | | | |
| Part III.A.6 | Pesticides, Herbicides, and Fertilizer Application Continue to require documentation of proper certification and licensing for all applicators contracted to apply pesticides or herbicides on permittee-owned property, as well as any permittee personnel employed in the application of these products, in accordance with Florida Department of Agriculture regulations. Certified/licensed applicators (personnel) Certified/licensed applicators (contractors) | 7 0 | Pesticide Applicators License/Paper file | ECWCD | All herbicide applications was performed by licensed applicators. No contracted applicators were used. |
| Part III.A.7.a | Illicit Discharges and Improper Disposal — Inspections, Ordinances, and Enforcement Measures Not Applicable | | | | |
| Part III.A.7.c | Illicit Discharges and Improper Disposal — Investigation of Suspected Illicit Discharges and/or Improper Disposal Not Applicable | | | | |
| Part III.A.7.d | Illicit Discharges and Improper Disposal — Spill Prevention and Response Not Applicable | | | | |
| Part III.A.7.e | Illicit Discharges and Improper Disposal — Public Reporting Not Applicable | | | | |
| Part III.A.7.f | Illicit Discharges and Improper Disposal — Oils, Toxics, and Household Hazardous Waste Control Not Applicable | | | | |
| Part III.A.7.g | Illicit Discharges and Improper Disposal — Limitation of Sanitary Sewer Seepage Continue to implement procedures to reduce or eliminate discharges to the MS4 from sanitary sewer seepage and sanitary sewer overflows (SSOs). Report on the activities to reduce or eliminate seepage and SSOs, such as number of incidents discovered and resolved, in each ANNUAL REPORT. Sanitary sewer seepage incidents discovered Sanitary sewer seepage incidents resolved | 0 0 | Sanitary Sewer Seepage file Paper file Sanitary Sewer Seepage file Paper file | Florida Governmental Utility Authority Florida Governmental Utility Authority | Sewer Utilities are owned and operated by Florida Governmental Utility Authority. Sewer Utilities are owned and operated by Florida Governmental Utility Authority |
| | Sanitary sewer overflows (SSOs) discovered | 4 | Sanitary Sewer Overflows file | Florida | Sewer Utilities are owned and |

Water Quality Summary

ECWCD has 5 major outfalls discharging from its MS4. The receiving bodies are Orange River, Hickey's Creek, Bedman Creek and the Caloosahatchee River. The district has been conducting monthly water monitoring at these locations for over 19 years. Quarterly sampling includes all monthly parameters plus: Nitrate-N, Nitrite-N, Total Nitrogen, Total Kjeldahl Nitrogen, Total Phosphorous and Ammonia-N.

Site 22 discharges to the Orange River and is located at the discharge of the Harns Marsh. This site receives water from the most heavily populated area of Lehigh Acres.

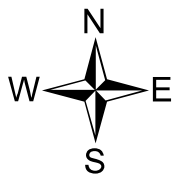
Site 27 discharges to the Orange River and is located at the discharge of the Buckingham Park subdivision. Buckingham Park is a small subdivision that has undergone rapid growth, it is estimated that it is 80% populated.

Site 11 discharges to Hickey's Creek, the area surrounding the site is undeveloped and only 30% of the area that discharges water to this basin is populated.

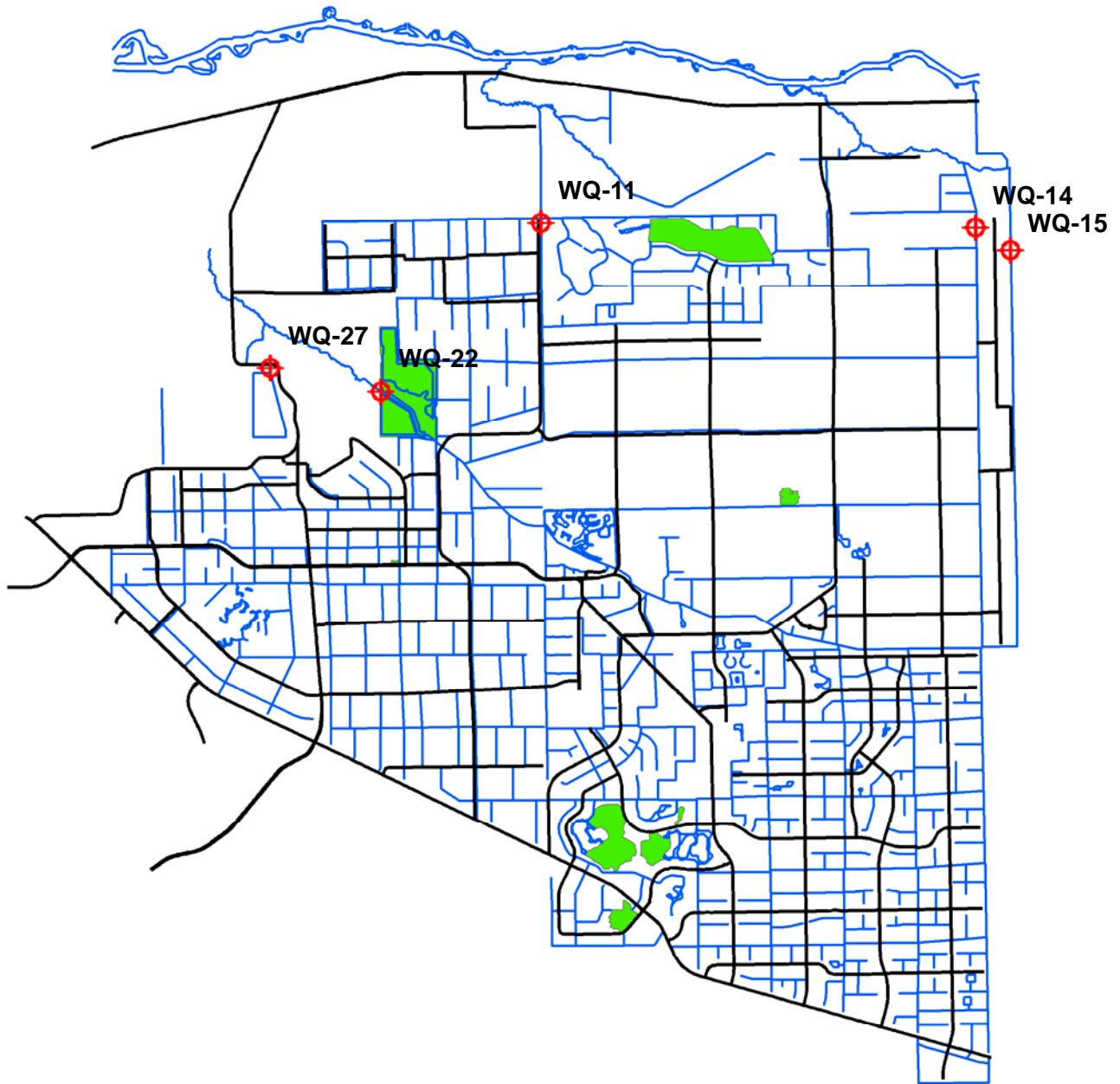
Site 14 discharges to the Bedman Creek this basin is approximately 10% populated.

Site 15 discharges to the Carlos Waterway; this basin is approximately 10% populated.

The water being discharged from the district meets the state standards for class 3 waters on a rating scale of poor to excellent staff would rate the quality of water as good. Attached are the quarterly results for Total Nitrogen, Total Phosphorous, and Fecals from the 5 discharge points in graph form from February 2000 - February 2009.

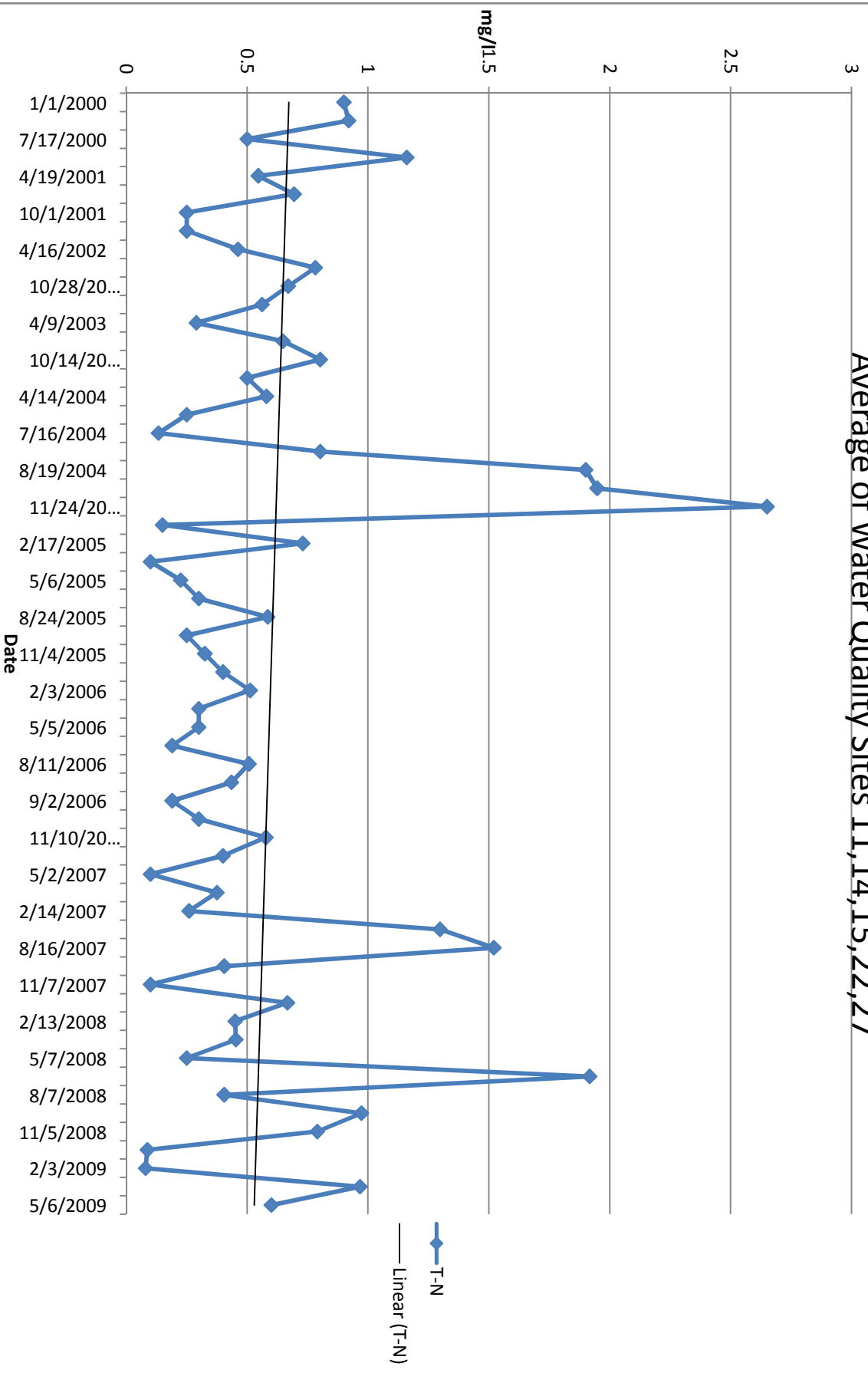


Water Quality Sites

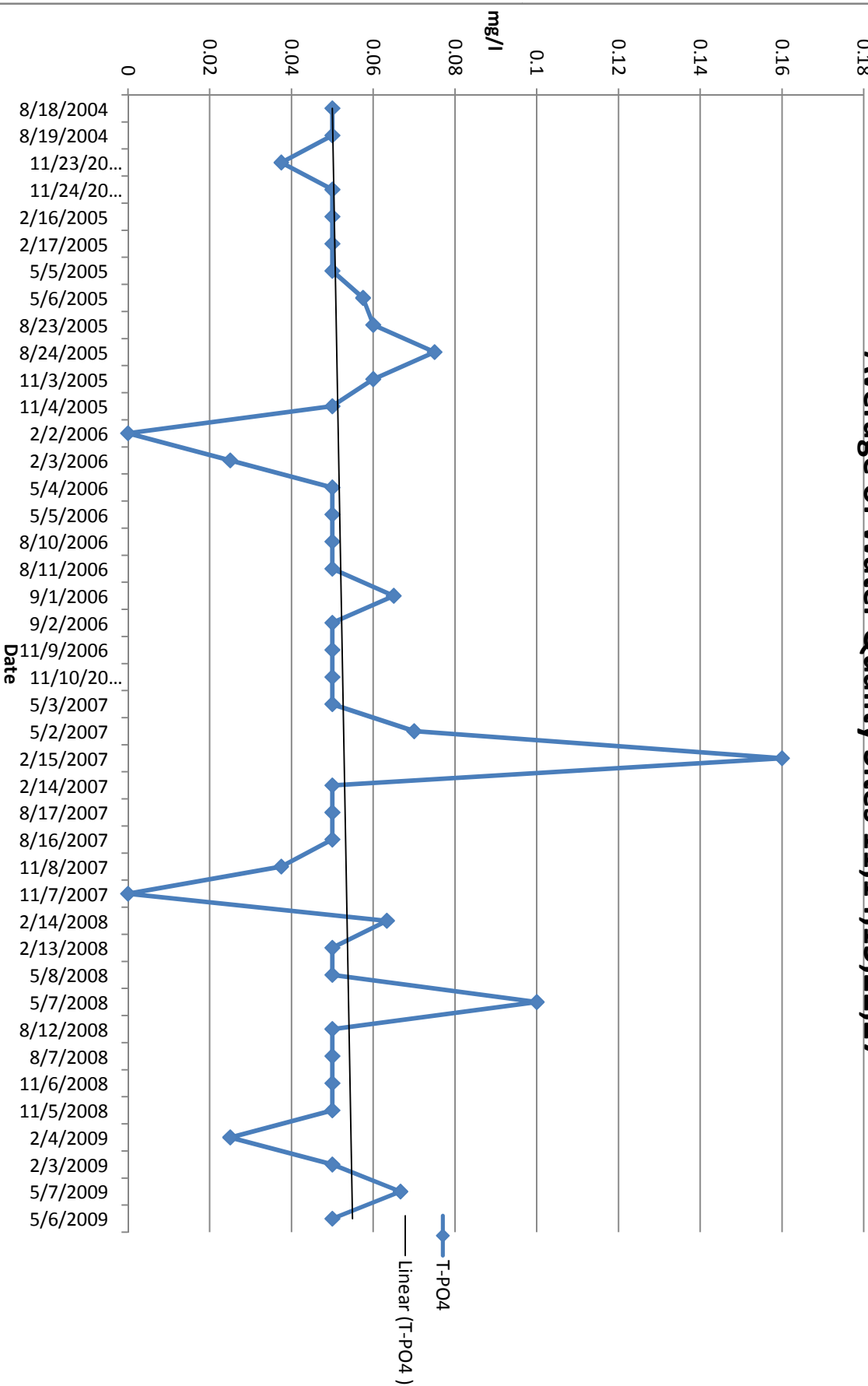


T-N

Average of Water Quality Sites 11,14,15,22,27



T-P04 Average of Water Quality Sites 11,14,15,22,27



Average of Water Quality Sites 11,14,15,22,27

Fecal

