



ARKANSAS
Department of Environmental Quality

October 22, 2008

David Jurgens, Water and Wastewater Director
City of Fayetteville - Paul R. Noland WWTP
113 W. Mountain
Fayetteville, AR 72701

RE: City of Fayetteville-Paul R. Noland WWTP Collection System Release

AFIN: 72-00102 NPDES Permit No.: AR0020010

Dear Mr. Jurgens:

On October 20, 2008, I investigated a sewage release from your waste collection system. An inspection was conducted in accordance with the provisions of the Federal Clean Water Act, the Arkansas Water and Air Pollution Control Act, and the regulations promulgated there under. This inspection revealed the following:

- Waste from a forced main blowout had entered Farmington Branch behind a business located at 3570 W. 6th St., Fayetteville, causing pollution to the waters of the State. This release resulted in a fish kill. The Department was notified of the release by Will Winn, City of Fayetteville. The subsurface main break occurred on October 19, 2008, and was repaired in October 20, 2008. The area impacted by the release south of Farmington Branch appeared to have been adequately cleaned up and had been limed.

Please submit a written response to this finding to the Water Division Enforcement Branch of this Department at the following address:

Water Division Enforcement Branch
Arkansas Department of Environmental Quality
5301 Northshore Drive
North Little Rock, AR 72118-5317

This response should contain detailed documentation describing the course of action taken to address the release and measures taken to prevent further releases at this location. Please include the estimated quantity of the release, and a report summarizing Mr. Winn's fish kill investigation. The written response is due by November 12, 2008.

David Jurgens, City of Fayetteville-Paul R. Noland WWTP
October 22, 2008
Page 2

If I can be of any assistance, please contact me at 479-267-0811, ext. 16.

Sincerely,

A handwritten signature in black ink, appearing to read "John Fazio". The signature is written in a cursive style with a large, stylized "J" and "F".

John Fazio
District 1 Field Inspector
Water Division

cc: Water Division Enforcement Branch
Water Division Permits Branch



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Washington, D.C. 20460

Form Approved
OMB No. 2040-0003

NPDES Compliance Inspection Report

Section A: National Data System Coding

| | | | | | |
|--|-------|----------------------------|--------------|----------------------------|-----------|
| Transaction Code | NPDES | Yr/Mo/Day | Inspec. Type | Inspector | Fac. Type |
| 1 N 2 5 3 A R 0 0 2 0 0 1 0 11 12 0 8 1 0 2 0 17 18 R 19 S 20 1 | | | | | |
| Remarks | | | | | |
| | | | | | |
| Inspection Work Days | | Facility Evaluation Rating | | BI QA -----Reserved----- | |
| 67 | | 69 | 70 N | 71 N 72 N 73 | 74 75 80 |

Section B: Facility Data

| | | |
|---|--|---|
| Name and Location of Facility Inspected (<i>For industrial users discharging to POTW, also include POTW name and NPDES permit number</i>) City of Fayetteville - Paul R. Noland WWTP (collection system release) 1500 N. Fox Hunter Road Fayetteville, AR 72701 | Entry Time/Date 1300 / 10-20-08 | Permit Effective Date 06-01-06 |
| | Exit Time/Date 1350 / 10-20-08 | Permit Expiration Date 05-31-11 |
| Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Will Winn, City of Fayetteville, 479-601-4611 | Other Facility Data | |
| Name, Address of Responsible Official/Title/Phone and Fax Number David Jurgens, Water and Wastewater Director City of Fayetteville 113 W. Mountain Fayetteville, AR 72701 479-575-8330 / 479-575-8257 | Contacted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |

Section C: Areas Evaluated During Inspection

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

| | | | | | | | |
|---|---------------------------|---|-------------------------|---|--------------------------|---|----------------------|
| N | Permit | N | Flow Measurement | N | Operations & Maintenance | N | Sampling |
| N | Records/Reports | N | Self-Monitoring Program | N | Sludge Handling/Disposal | U | Pollution Prevention |
| N | Facility Site Review | N | Compliance Schedules | N | Pretreatment | N | Multimedia |
| N | Effluent/Receiving Waters | N | Laboratory | N | Storm Water | S | Other: SSO |

Section D: Summary of Findings/Comments (Attach additional sheets if necessary)

An SSO inspection was conducted following a forced main break behind a business located at 3570 W. 6th St., Fayetteville. The buried main parallels Farmington Branch along the south side of the creek at this location. The report submitted by the City of Fayetteville indicated that the break occurred on 10/19/08. It was repaired during the morning of 10/20/08. The creek was impacted and a fish kill occurred. The AG&FC was notified of the fish kill. I met with Will Winn, City of Fayetteville at the creek ~ 0.20 miles west of the SSO location. He had collected several fish, including perch and fathead minnow.

The area in the vicinity of the line break was limed. No solids were observed. Farmington Branch flows westward into Farmington. I observed few dead fish in the creek at N. Holland Dr. ~ 0.85 miles west of the SSO. The AG&FC is to submit a copy of their fish kill assessment report to the ADEQ.

*** AN SSO INSPECTION CHECKLIST FORM WAS NOT COMPLETED.**

| | | |
|---|--|-------------------------|
| Name(s) and Signature(s) of Inspector(s) John Fazio | Agency/Office/Telephone/Fax AR Dept. of Environmental Quality-Fayetteville 479-267-0811 ext. 16 / 479-267-0819 | Date 10-22-08 |
| | | |
| Signature of Reviewer | Agency/Office/Phone and Fax Numbers | Date |

**Arkansas Department of Environmental Quality (ADEQ)
Official Photograph Sheet**



| | | | | | | | | |
|----------------------|---|---|---|--------------|-----------------|----------|--------------|------|
| Location: | | City of Fayetteville Waste Collection System Release | | | | | | |
| Photographer: | | John Fazio | | | Witness: | | None | |
| Photo # | 1 | Of | 4 | Date: | | 10/20/08 | Time: | 1310 |
| Description: | | Fishes collected from Farmington Branch by Will Winn, City of Fayetteville. | | | | | | |

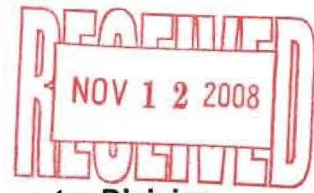


| | | | | | | | | |
|----------------------|---|---|---|--------------|-----------------|----------|--------------|------|
| Photographer: | | John Fazio | | | Witness: | | None | |
| Photo # | 2 | Of | 4 | Date: | | 10/20/08 | Time: | 1308 |
| Description: | | Cloudy appearance of Farmington Branch ~0.20 miles from the release. Dead minnow at center. | | | | | | |



**Arkansas Department of Environmental Quality (ADEQ)
Official Photograph Sheet**

| | | | | | | | | | |
|----------------------|---|--|---|--|-----------------|--------------|----------|--------------|------|
| Location: | | City of Fayetteville Waste Collection System Release | | | | | | | |
| Photographer: | | John Fazio | | | Witness: | | None | | |
| Photo # | 3 | Of | 4 | | | Date: | 10/20/08 | Time: | 1340 |
| Description: | | Dead minnow in Farmington Brach ~0.85 miles west of the release. | | | | | | | |
| | |  | | | | | | | |
| Photographer: | | John Fazio | | | Witness: | | None | | |
| Photo # | 4 | Of | 4 | | | Date: | 10/20/08 | Time: | 1345 |
| Description: | | Area impacted by release south of the creek limed following repair. | | | | | | | |
| | |  | | | | | | | |



Water and Wastewater Division
113 W. Mountain Street
Fayetteville, Arkansas 72701

November 10, 2008

Water Division Enforcement Branch
Arkansas Department of Environmental Quality
5301 Northshore Drive
North Little Rock, Arkansas 72118-5317

Subject: Collection System Bypass Release
2570 W. 6th Street, Fayetteville, Arkansas
Farmington Branch - Fayetteville

NPDES Permit Number: AR0020010

72-00102

Mr. Fazio,

This letter provides further information of the collection system bypass event on October 19 and 20, 2008, as requested in an October 22, 2008 letter from John Fazio, District 1 Field Inspector for the Arkansas Department of Environmental Quality.

Assistant Operations Manager William C. "Will" Winn, R.S., received a phone call on or around 10:00 AM October 20, 2008 from city staff that were performing a follow up inspection downstream of a bypass incident that had begun the evening of October 19, 2008 and ended early in the morning of October 20, 2008. Winn was informed that staff had just found fish in distress as well as some dead fish in the pools of the North Fork Farmington Branch below the wastewater bypass location of 2570 W. 6th Street in Fayetteville, Arkansas.

After arriving on site, Winn witnessed the fish that staff had procured, instructed them to leave the rest unmolested, and began contacting the District 1 Field Office while inspecting downstream of the bypass and taking photos (attached). Winn left a number of voicemails for both Allison West and John Fazio from 10:20 AM until 12:10 PM when Winn spoke with Mr. Fazio. Winn briefed Mr. Fazio, who instructed Winn to contact the Fisheries Management Division of the Arkansas Game and Fish Commission, and stated that he would be enroute to the site. Winn left voicemails for the Fisheries Management Division in Rogers, Arkansas beginning at 12:20 PM until he spoke with Stephen Brown, District 1 Research Biologist of the Fisheries Management Division at 1:00 PM. Mr. Brown informed Winn that he had already spoken with Mr. Fazio and would be enroute immediately.

At or near 10:20 AM, Winn instructed staff to locate a fire hydrant upstream from the incident so that the pools could be freshened with potable water to mitigate any further problems with dissolved oxygen within the downstream pools. Winn instructed staff to utilize a hydrant that would allow for dissipation of any residual chlorine prior to entering the stream. A fire hydrant was located on Dinsmore Trail and allowed to flow. Winn tested the chlorine residual at the creek bank where the potable water entered; no chlorine remained. Over the course of the morning, city staff flowed approximately 65,000 gallons of potable water into the stream. Winn had staff stationed at two downstream bridge crossings to ascertain when the potable water entered the pools. Staff notified Winn as the potable water entered the individual pools and reported that the distressed fish quickly revived. Winn then walked the stream again to inspect and take photo. Winn then instructed staff to add calcium hydroxide to the affected land at and adjacent to the wastewater bypass, but to not spread any on the riparian area of the stream.

John Fazio of the Arkansas Department of Environmental Quality arrived on site and Winn briefed him further. Mr. Fazio took photos of the fish city staff had obtained and inspected the stream. For your convenience, Mr. Fazio's letter and his report, are attached.

Stephen Brown of the Arkansas Game and Fish Commission arrived and Winn briefed him on site. Winn stated that he had been concerned about the abnormal silting in the creek bed and that it did not appear to be from the wastewater bypass. Staff had informed Winn that a connecting earthen drainage system had recently been cleaned out by the Arkansas Highway and Transportation Department just before a recent rain event. Mr. Brown and Clint Smith then conducted a fish kill count downstream of the bypass. For your convenience, Mr. Brown's report is attached.

As was stated in the initial Sewer System Overflow Report, the quantity of wastewater released is undeterminable. The leak came from a cast iron force main, with the failure caused by external ground corrosion of the pipe. The repair was made with a full circle repair clamp. The force main and its lift station, which currently carry flow to the Noland Wastewater Treatment Plant, are scheduled to be permanently abandoned in January or February, 2009, as part of the \$187 million wastewater system improvement project (public information update attached) currently under construction by the Cities of Fayetteville and Farmington. Wastewater from this area will then flow to the newly operational Fayetteville West Side Wastewater Treatment Facility.

If you require any further information, or if I may be of any assistance, please do not hesitate to contact me at 479-750-9778 or djurgens@ci.fayetteville.ar.us.

Sincerely,

City of Fayetteville



David Jurgens, P.E.
Water and Wastewater Director

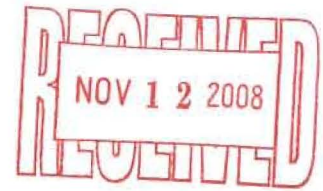
DJ:ww

CC: John Fazio, District 1 Field Inspector, Water Division, ADEQ
Tom Hubbard, Operations Manager, Fayetteville Water and Wastewater
William C. "Will" Winn, R.S., Assistant Operations Manager, Fayetteville Water and Wastewater

Scanned
NOV 12 2008
Mailroom







Arkansas Game and Fish Commission
Little Rock, Arkansas
Fisheries Management Division

TO: Mark Oliver,
Assistant Chief of Fisheries

DATE: 10/22/08

FROM: Stephen Brown,
Fisheries Management Biologist, D-1

CC: Ron Moore
John Fazio (ADEQ)
Fisheries File

SUBJECT: Fish Kill Investigation – Fayetteville (North Fork
Farmington)

On October 20, 2008 we received a report from John Fazio (ADEQ District Inspector) of a minor fish kill associated with a sewage spill off of Highway 16 between Fayetteville, AR and Farmington, AR. I contacted and met with William Winn (City of Fayetteville Assistant Manager Water and Wastewater) on site and he explained the situation. A sewer main cracked and spilled sewage for approximately 4 hours before being fixed. Clint Smith (part-time technician) and I conducted a complete count of dead fish in the kill area (approximately ½ mile) of North Fork Farmington Creek. The following is a summary of the relatively small number of fish enumerated and their associated monetary values. The total number of fish killed was 84 with a total monetary value of \$11.63.

ADEQ

ARKANSAS
Department of Environmental Quality

RECEIVED

OCT 27 2008

CITY OF FAYETTEVILLE
MAYOR'S OFFICE

October 22, 2008

David Jurgens, Water and Wastewater Director
City of Fayetteville - Paul R. Noland WWTP
113 W. Mountain
Fayetteville, AR 72701

RE: City of Fayetteville-Paul R. Noland WWTP Collection System Release

AFIN: 72-00102 NPDES Permit No.: AR0020010

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David Jurgens, City of Fayetteville-Paul R. Noland WWTP
October 22, 2008
Page 2

If I can be of any assistance, please contact me at 479-267-0811, ext. 16.

Sincerely,

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John Fazio
District 1 Field Inspector
Water Division

cc: Water Division Enforcement Branch
Water Division Permits Branch

| | |
|---|------------------------------------|
| UNITED STATES ENVIRONMENTAL PROTECTION AGENCY Washington, D.C. 20460 <h2 style="margin: 0;">NPDES Compliance Inspection Report</h2> | Form Approved OMB No. 2040-0003 |
|---|------------------------------------|

| Section A: National Data System Coding | | | | | | | | | | | | | | | | | | | | | |
|--|-----------------------------------|---|--------------|-------------|----------------------------|--|--|--|--|--------|--|--------|--|----------|--|---------|--|----|--|--|--|
| Transaction Code | NPDES | Yr/Mo/Day | Inspec. Type | Inspector | Fac. Type | | | | | | | | | | | | | | | | |
| 1 N 2 5 3 | A R 0 0 2 0 0 1 0 | 11 12 0 8 1 0 2 0 17 18 | R | 19 S 20 | 1 | | | | | | | | | | | | | | | | |
| Remarks | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| Inspection Work Days | | | | | Facility Evaluation Rating | | | | | BI | | QA | | Reserved | | | | | | | |
| 67 69 | | | | | 70 N | | | | | 71 N | | 72 N | | 73 | | 74 75 | | 80 | | | |

| Section B: Facility Data | | | | | |
|---|--|------------------------------------|-----------------------------------|-----------------------------------|------------------------------------|
| Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number) City of Fayetteville - Paul R. Noland WWTP (collection system release) 1500 N. Fox Hunter Road Fayetteville, AR 72701 | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">Entry Time/Date 1300 / 10-20-08</td> <td style="width:50%;">Permit Effective Date 06-01-06</td> </tr> <tr> <td>Exit Time/Date 1350 / 10-20-08</td> <td>Permit Expiration Date 05-31-11</td> </tr> </table> | Entry Time/Date 1300 / 10-20-08 | Permit Effective Date 06-01-06 | Exit Time/Date 1350 / 10-20-08 | Permit Expiration Date 05-31-11 |
| Entry Time/Date 1300 / 10-20-08 | Permit Effective Date 06-01-06 | | | | |
| Exit Time/Date 1350 / 10-20-08 | Permit Expiration Date 05-31-11 | | | | |
| Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Will Winn, City of Fayetteville, 479-601-4611 | Other Facility Data | | | | |
| Name, Address of Responsible Official/Title/Phone and Fax Number David Jurgens, Water and Wastewater Director City of Fayetteville 113 W. Mountain Fayetteville, AR 72701 479-575-8330 / 479-575-8257 | Contacted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | | | | |

| Section C: Areas Evaluated During Inspection | | | | | | | |
|---|---------------------------|---|-------------------------|---|--------------------------|---|----------------------|
| (S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated) | | | | | | | |
| N | Permit | N | Flow Measurement | N | Operations & Maintenance | N | Sampling |
| N | Records/Reports | N | Self-Monitoring Program | N | Sludge Handling/Disposal | U | Pollution Prevention |
| N | Facility Site Review | N | Compliance Schedules | N | Pretreatment | N | Multimedia |
| N | Effluent/Receiving Waters | N | Laboratory | N | Storm Water | S | Other: SSO |

Section D: Summary of Findings/Comments (Attach additional sheets if necessary)



An SSO inspection was conducted following a forced main break behind a business located at 3570 W. 6th St., Fayetteville. The buried main parallels Farmington Branch along the south side of the creek at this location. The report submitted by the City of Fayetteville indicated that the break occurred on 10/19/08. It was repaired during the morning of 10/20/08. The creek was impacted and a fish kill occurred. The AG&FC was notified of the fish kill. I met with Will Winn, City of Fayetteville at the creek ~ 0.20 miles west of the SSO location. He had collected several fish, including perch and fathead minnow.

The area in the vicinity of the line break was limed. No solids were observed. Farmington Branch flows westward into Farmington. I observed few dead fish in the creek at N. Holland Dr. ~ 0.85 miles west of the SSO. The AG&FC is to submit a copy of their fish kill assessment report to the ADEQ.

*** AN SSO INSPECTION CHECKLIST FORM WAS NOT COMPLETED.**

| | | |
|--|--|------------------|
| Name(s) and Signature(s) of Inspector(s) John Fazlo | Agency/Office/Telephone/Fax AR Dept. of Environmental Quality-Fayetteville 479-267-0811 ext. 16 / 479-267-0819 | Date 10-22-08 |
| Signature of Reviewer | Agency/Office/Phone and Fax Numbers | Date |

Arkansas Department of Environmental Quality (ADEQ) Official Photograph Sheet

| | | | | | | | | |
|---|---|---|---|--------------|-----------------|--------------|------|--|
| Location: | | City of Fayetteville Waste Collection System Release | | | | | | |
| Photographer: | | John Fazio | | | Witness: | | None | |
| Photo # | 1 | Of | 4 | Date: | 10/20/08 | Time: | 1310 | |
| Description: | | Fishes collected from Farmington Branch by Will Winn, City of Fayetteville. | | | | | | |
|  | | | | | | | | |
| Photographer: | | John Fazio | | | Witness: | | None | |
| Photo # | 2 | Of | 4 | Date: | 10/20/08 | Time: | 1308 | |
| Description: | | Cloudy appearance of Farmington Branch ~0.20 miles from the release. Dead minnow at center. | | | | | | |
|  | | | | | | | | |

**Arkansas Department of Environmental Quality (ADEQ)
Official Photograph Sheet**

| | | | | | | | |
|----------------------|--|-----------|---|-----------------|----------|--------------|------|
| Location: | City of Fayetteville Waste Collection System Release | | | | | | |
| Photographer: | John Fazio | | | Witness: | None | | |
| Photo # | 3 | Of | 4 | Date: | 10/20/08 | Time: | 1340 |
| Description: | Dead minnow in Farmington Brach ~0.85 miles west of the release. | | | | | | |



| | | | | | | | |
|----------------------|---|-----------|---|-----------------|----------|--------------|------|
| Photographer: | John Fazio | | | Witness: | None | | |
| Photo # | 4 | Of | 4 | Date: | 10/20/08 | Time: | 1345 |
| Description: | Area impacted by release south of the creek limed following repair. | | | | | | |



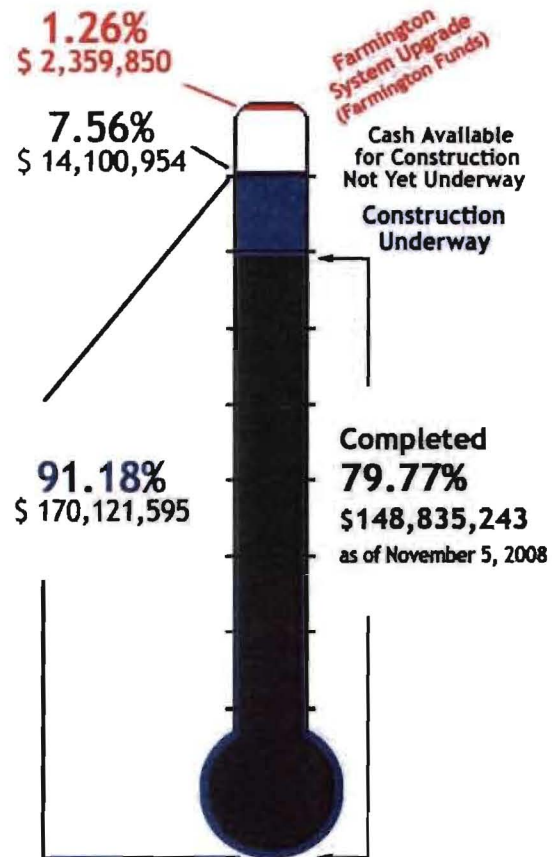
Wastewater System Improvement Project (WSIP)

The Wastewater System Improvement Project (WSIP) is a system wide project that significantly increases the capacity of the City's wastewater system. This project addresses capacity shortfalls in the wastewater collection and treatment systems; the design is expected to treat the wastewater for 115,000 people.

This project will increase the City's wastewater treatment capacity from 12.6 to 21.2 million gallons per day, and will reduce the number of sewer system overflows due to rain entering the system. It also improves odor control facilities system wide. The west side wastewater treatment plant started treating wastewater on May 29, 2008.

Major construction elements of the project include:

- (1) Constructing a new West Side Wastewater Treatment Plant (\$64.1 million including water lines, wetlands construction, and other work adjacent to the site).
- (2) Constructing 21.6 miles of new or replacement sewer transmission pipes and 2 pump stations in the north and west areas of the City to carry the wastewater to the new West Side WWTP (\$39.6 million).
- (3) Upgrading the existing Noland WWTP on the east side of town (\$18.1 million).
- (4) Constructing 9.3 miles of new or replacement sewer transmission pipes and replacing, modifying, or upgrading six pump stations in the south and east areas of the City to better carry the wastewater to the Noland WWTP (\$20.0 million).
- (5) The project also involves work including constructing 25.5 acres of wetlands, over one mile of roadway, ½ mile of water pipe, engineering design and construction inspection for all aspects of the project, easements for the pipelines, and all of the associated permitting and coordination with the Corps of Engineers, Arkansas Department of Equality, the Arkansas Natural Resources Commission, the Beaver Water District, various Oklahoma agencies, and contingency calculated (\$36.6 million).
- (6) A lift station and approximately four miles of associated pipe line work to service Farmington and the Fayetteville area immediately east of Farmington (Approx. \$5.9 million provided by Farmington and \$2.3 million provided by Fayetteville).



The project is funded through a combination of a \$42 million sales tax bond issue approved in September 2006, a \$125 million sales tax bond issue approved in November 2001, system revenues, developer impact fees, and the sale of land at the West Side WWTP site.

For additional information visit: www.accessfayetteville.org

City of Fayetteville ~ Major Capital Improvements

Progress Report as of November 5, 2008

Wastewater System Improvement Project (WSIP)

- 1 **Hamestring Sewer Lift Station (WL-6)**
 - Construct a 36 mgd capacity sewer pump station
 - \$7,082,133 cost
 - Construction complete
 - Brasfield & Gorrie Contractors
- 2 **48" Gravity Sewer Line - Gregg to Hamestring (WL-4)**
 - Construct 24,751' of 48" gravity sewer pipe line and 3,876' of 30" sewer pressure pipe line
 - \$10,970,165 cost
 - Construction substantially complete
 - Oscar Renda Contractors
- 3 **Force Mains - Hamestring to West Plant (WL-5)**
 - Construct 21,740' of 24 and 30" sewer force pipe lines
 - \$4,752,287 cost
 - Construction complete
 - Garney Construction
- 4 **Broyles Road Water Line (WP-1a)**
 - Construct 3,100' of 12" water line
 - Cost included with West Side Wastewater Treatment Plant #5
 - Construction complete
 - Brasfield & Gorrie Contractors**Broyles Road (WP-1b)**
 - Construct 5,900' of two lane asphalt road
 - \$3,826,874 cost
 - Construction substantially complete
 - Dean Crowder Construction
- 5 **West Side Wastewater Treatment Plant (WP-3)**
 - Construct a new 10 million gallon per day (mgd) (average daily flow) wastewater treatment plant
 - \$60,936,574 cost
 - Construction substantially complete
 - Brasfield & Gorrie Contractors
- 6 **Wetlands Mitigation (WP-2b)**
 - Construct and plant 25.5 acres of wetlands
 - Construction substantially complete
- 7 **Owl Creek Basin Lift Station & Force Main (WL-8)**
 - Upgrade the existing sewer pump station and install 11,600' of (estimated) 15" sewer pressure pipe line
 - Scope of work under review
- 8 **Porter Road to Hamestring Sewer Line (WL-3)**
 - Construct 14,100' of 21-24" gravity sewer pipe line
 - \$7,186,957 cost
 - Construction substantially complete
 - Oscar Renda Contractors
- 9 **North Street to Poplar to Van Asche Sewer Line (WL-2)**
 - Construct 13,900' - mostly 24-33" gravity sewer pipe line
 - \$4,433,820 cost
 - Construction complete
 - T-G Excavating Contractor
- 10 **Gregg Ave Sewer Lift Station (WL-7)**
 - Construct a 19 mgd capacity sewer pump station
 - \$1,527,000 cost
 - Construction substantially complete
 - Crossland Heavy Contractors, Inc.
- 11 **Old Wire Road to Gregg Ave Sewer Line (WL-1)**
 - Construct 15,770' of 21-36" gravity sewer pipe line
 - Cost included with Porter to Hamestring - #8
 - Construction substantially complete
 - Oscar Renda Contractors
- 12 **Noland (East Side) Wastewater Treatment Plant Renovation**

Phase I (EP-2)

 - Upgrade odor control, solids handling, headworks
 - \$14,836,631 cost
 - Construction complete
 - Archer Western Contractors

Phase I (EP-4)

 - Upgrade Effluent Aeration
 - \$66,460 cost
 - Construction complete
 - BlueinGreen Contractors

Phase II (EP-1)

 - Increase wet weather capacity
 - \$1,336,886 cost
 - Construction complete
 - Wilson Brothers Contractors

Phase III (EP-3)

 - Remove effluent pump, upgrade aeration basin
 - \$2,439,646 cost
 - Construction 7.49% complete
 - Estimated completion May, 2009
 - Crossland Heavy Contractors, Inc.
- 13 **Mally Wagon Sewer Lift Station & Force Main (EL-1)**
 - Replace sewer pump station, install 4,000' of 16" sewer force pipe line
 - \$1,398,358 cost
 - Construction complete
 - Garney Construction
- 14 **Happy Hollow to Noland Wastewater Treatment Plant Sewer Line (EL-2)**
 - Construct 26,458' of 42" gravity sewer pipe line
 - \$10,464,082 cost
 - Construction substantially complete
 - Rosetta Construction
- 15 & 16 (combined projects)
Razorback Rd to Happy Hollow Sewer Line (EL-3)
 - Construct 13,489' of 21-30" gravity sewer pipe line**South Mountain to Industrial Park Sewer Line (EL-5)**
 - Construct 4,084' of 10" gravity sewer pipe line
 - \$5,253,795 cost
 - Notice to proceed November 1, 2008
 - Estimated completion October, 2009
 - SJ Louis Construction
- 31 **Lift Station Upgrade (EL-4)**
 - Upgrade Sewer Lift Stations 13, 14, & 16
 - \$460,367 cost
 - Construction substantially complete
 - Estimated completion November, 2008
 - OMI is executing work
- 33 **West Side Collection System Tieover to New Lines (WL-9)**

(not shown on map)

 - \$1,546,400 cost
 - Notice to proceed December, 2008
 - Estimated completion November, 2009
 - Goodwin & Goodwin, Inc.

For additional information visit:

www.accessfayetteville.org

City of Fayetteville ~ Major Capital Improvements

Progress Report as of November 5, 2008

Other Major Capital Improvements (non-WSIP)

- 17 **Hwy 62 West Water Line**
- Relocating water line along Hwy 62 due to widening from North Hunter to County Rd 647
 - \$1,180,177 cost
 - Construction complete
- 18 **Sanitary Sewer Rehab**
- Construct 13,067' of 8-15" gravity sewer pipe line at various locations city-wide
 - \$2,266,606 cost
 - Construction complete
 - T-G Excavating, Contractor
- 19 **North College Water Line - Maple to North**
- Replacing water lines along College Avenue from Maple Street to North Street
 - \$1,377,141 cost
 - Construction complete
- 20 **24" Water Line Improvements**
- Replacing water lines along Custer Lane and Morningside Drive
 - \$908,710 cost
 - Construction complete
 - Crossland Heavy Contractors
- 21 **Razorback Road Water Line Relocation**
- Relocating the water line along Razorback Road due to widening from 6th Street to 15th Street
 - \$722,891 cost
 - Construction complete
- 22 **Hwy 16 Water Line Relocate - Ruppel to Double Springs**
- Relocating water line along Hwy 16 due to widening from Ruppel Road to Double Springs Road
 - \$1,591,426 cost
 - Construction complete
- 23 **Mount Sequoyah Water & Sewer**
- Construct approximately 6,900' of water line and 600' of sewer line in the Mount Sequoyah area
 - \$1,400,000 estimated cost
 - Final design underway by Garver Engineers
 - Tentative bid date December, 2008
 - Estimated completion July, 2009
- 25 **36" Water Line Improvements (not shown on map)**
- Install pressure sustaining valves to maintain positive pressure in water transmission mains
 - Install remote valve activators to isolate sections of the water transmission mains in case of line failure
 - \$1,185,000 cost
 - Construction substantially complete
 - Alpha Utilities, Inc. Contractor
- West Fayetteville - Farmington WSIP Subprojects**
- 26 **Farmington Gravity Sewer Line (WL-10)**
- Contract 1**
- Construct 2,000' of 21" gravity line
 - \$ 335,967 cost
 - Construction substantially complete
 - Redford Construction
- Contract 2 (WL-10a)**
- Construct 12,322' of 12-24" gravity sewer line
 - \$2,800,000 estimated cost-not yet bid
 - Final Design and cost estimate underway by RJN
 - Tentative bid date December, 2008
 - Estimated Completion November, 2009
- 27 **Farmington Force Main (WL-11)**
- Construct 10,500' of 16" sewer force main
 - \$1,367,313 cost
 - Construction substantially complete
 - Garney Construction
- 28 **Farmington Lift Station (WL-12)**
- Construct a 3.0 mgd capacity sewer pump station
 - \$1,703,216 cost
 - Construction 41.92% complete
 - Estimated completion February, 2009
 - JL Bryson, Inc, Contractor
- 29 **Farmington Sanitary Sewer Rehab**
- Unit 1**
- Construct 3,655' of sewer and 66 point repairs
 - \$782,507 cost
 - Construction complete
 - T-G Excavating, Contractors
- Unit 2**
- Lining of 5,668' of 6" & 8" pipe by cured-in-place lining
 - \$175,885 cost
 - Construction complete
 - Insituform, Inc., Contractor
- 30 **Manhole Rehabilitation (not shown on map)**
- Repair approximately 800 manholes
 - \$1,501,102 cost
 - Construction 69% complete
 - Estimated completion February, 2009
 - Kim Construction
- 32 **2008 SSES**
- Evaluate 400 manholes and 175,000 linear feet of sanitary sewer mains
 - \$395,109 cost
 - Work 30% complete
 - Estimated completion January, 2009
 - RJN Group, Inc.

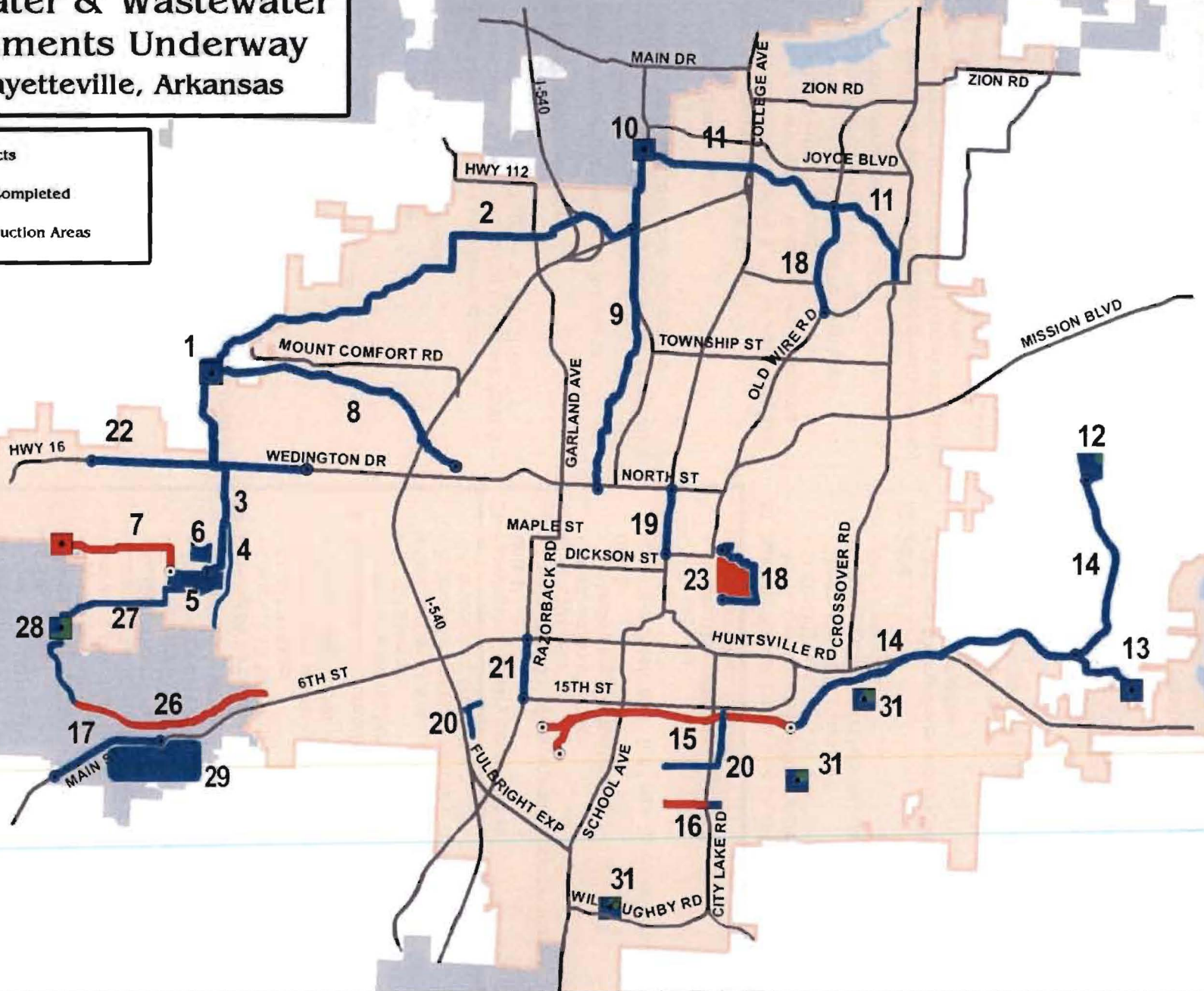
Notes:

- All completion dates are for substantial completion, that being the date on which the constructed work can be placed in service.
- Percentage completion is based on dollars earned as of the most recent pay request.

Major Water & Wastewater Improvements Underway

City of Fayetteville, Arkansas

- Ongoing Projects
- Construction Completed
- Current Construction Areas



ADEQ

A R K A N S A S
Department of Environmental Quality

November 25, 2008

David Jergens, Director
Water and Wastewater Division
City of Fayetteville
113 W. Mountain St.
Fayetteville, AR 72701

RE: NPDES Permit AR0020010, AFIN 72-00102
Response to Inspection

Dear Mr. Jurgens:

ADEQ has received your response to the October 20, 2008 inspection of your facility by ADEQ inspector John Fazio. Your letter appears to adequately address the problems identified during the visit.

The Department will keep the inspection and response on file and will consider them as required by the Pollution Control and Ecology Commission Regulation No. 7, Civil Penalties. This regulation requires ADEQ to consider the past history of your company and how expeditiously the violations were addressed in determining any civil penalty that may be necessary for any violations.

Thank you for your attention to this matter. If we need further information, we will contact you. Should you have any questions, feel free to contact me by phone at 501-682-0632 or e-mail at robertsa@adeq.state.ar.us. In any written correspondence to this Department, please refer to NPDES Permit AR0020010 and AFIN 72-00102.

Sincerely,



Anne Roberts
Enforcement Administrator
Enforcement Branch
Water Division