

Storm Water Monitoring Form

Animas Environmental Services, LLC

Wet Weather and Sampling

<http://www.animasenvironmental.com>

***To be completed quarterly & filed with SWPPP

Tel. (505) 564-2281 Fax (505) 324-2022

Project: Storm Water Quarterly Monitoring
 Client: City of Farmington
 Location: Outfall 1 Arroyo West of Lowe's Parking Lot
 Inspector: C. Lameman / D Watson
 Inspector's Title: _____

Project No.: 021203
 Date: Sep 14, 2011
 Time: 0857
 Weather: light rain
 Air Temperature: 59°
 Days Since Last Rainfall: 2 days (Sep 12, 2011)
 Amount of Last Rainfall (in.): 0.4 inches

OUTFALL Location:	Condition	Storm Water Accumulation? (Y/N)	Recent Spill (Y/N)	Notes & Actions Taken
#1 12" pipe	Flowing	N	N	cover pipe

1. Is there visible standing water at outfall location? If no, go to next question.

Check all that apply:

- Colored Water
- Murky
- Stains
- Odor
- Floating Objects
- Notable Difference in Plant Life
- Oily Sheen
- Sludge Present
- Clear Water
- Suds

Comments/Notes: _____

2. If no visible standing water at outfall location, check all that apply:

- Sludge Present
- Notable Difference in Plant Life (healthy)
- Stains

Comments/Notes: Water flowing, drain above pipe is full of water. Lots of trash in arroyo. Pipe exposed 7-10 ft.

3. Describe any storm water flows and estimate flow rate: Flow = 1.9 ft/sec, 2" deep

4. Describe storm water samples collected, if any: Samples collected @ 910 Brown and murky

5. Describe any corrective actions to be taken: Bury exposed pipe, most of pipe needs to be below ground surface

6. Additional Notes and Water Quality Data:

Temp: 16.9°C DO: 4.85ppm pH: 5.79 Cond: 0.082ms/cm ORP: 326.6

7. Next Inspection Scheduled for: Dry weather - September 2011

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Project: Storm Water Quarterly Monitoring
 Client: City of Farmington
 Location: Outfall 2 El Paso/Middle Fork Square
 Inspector: C. Lameman / D. Watson
 Inspector's Title:

Project No.: 021203
 Date: Sep 14, 2011
 Time: 9:18
 Weather: light rain
 Air Temperature: 59°F
 Days Since Last Rainfall: 2 days (Sep 12, 2011)
 Amount of Last Rainfall (in.): 0.4 inches

OUTFALL Location:	Condition	Storm Water Accumulation? (Y/N)	Recent Spill (Y/N)	Notes & Actions Taken
open channel (between metal plates)	Flowing	N	N	Remove trash

1. Is there visible standing water at outfall location? If no, go to next question.

Check all that apply:

- Colored Water
- Odor
- Oily Sheen
- Clear Water
- Murky
- Floating Objects
- Sludge Present
- Suds
- Stains
- Notable Difference in Plant Life

Comments/Notes:

2. If no visible standing water at outfall location, check all that apply:

- Sludge Present
- Stains
- Notable Difference in Plant Life - v. healthy
- Murky
- foamy

Comments/Notes: Signs of animals

3. Describe any storm water flows and estimate flow rate: Open channel

4. Describe storm water samples collected, if any: 928 murky samples, brown-gray in color

5. Describe any corrective actions to be taken: Remove trash

6. Additional Notes and Water Quality Data:

Temp: 16.87°C DO: 5.04 ppm pH: 7.63 Cond: 0.539 mS/cm ORP: 241.0

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Project: Storm Water Quarterly Monitoring
 Client: City of Farmington
 Location: Outfall 3 Berg Park Location
 Inspector: C. Lemman / D. Watson
 Inspector's Title:

Project No.: 021203
 Date: Sep 14, 2011
 Time: 1045
 Weather: Light rain
 Air Temperature: 59°
 Days Since Last Rainfall: 2 days (Sep 12, 2011)
 Amount of Last Rainfall (in.): 0.4 inches

OUTFALL Location:	Condition	Storm Water Accumulation? (Y/N)	Recent Spill (Y/N)	Notes & Actions Taken
open channel	Flowing	N	N	

1. Is there visible standing water at outfall location? If no, go to next question.

Check all that apply:

- Colored Water
- Odor
- Oily Sheen
- Clear Water
- Murky
- Floating Objects
- Sludge Present
- Suds
- Stains
- Notable Difference in Plant Life

Comments/Notes:

2. If no visible standing water at outfall location, check all that apply:

- Sludge Present
 - Stains
 - Notable Difference in Plant Life
- water slightly murky
- v healthy plants

Comments/Notes:

3. Describe any storm water flows and estimate flow rate: Open channel

4. Describe storm water samples collected, if any: samples collected @ 1056
 light gray to brown in color.

5. Describe any corrective actions to be taken:

6. Additional Notes and Water Quality Data:

Temp: 18.52°C DO: 5.37ppm pH: 7.62 Cond: 0.614 mS/cm ORP: 224.5

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Tel. (505) 564-2281 Fax (505) 324-2022

Project: Storm Water Quarterly Monitoring
 Client: City of Farmington
 Location: Outfall 4 MOC Sewer Outfall #1
 Inspector: C. Lammeman / D Watson
 Inspector's Title:

Project No.: 021203
 Date: Sep 14, 2011
 Time: 9:40
 Weather: light rain
 Air Temperature: 59°F
 Days Since Last Rainfall: 2 days (Sep 12, 2011)
 Amount of Last Rainfall (in.): 0.4 inches

OUTFALL Location:	Condition	Storm Water Accumulation? (Y/N)	Recent Spill (Y/N)	Notes & Actions Taken
pipe 1	flowing	N	N	
" 2	I	N	N	
" 3	I			
" 4	I			

1. Is there visible standing water at outfall location? If no, go to next question. *No - water flowing*

Check all that apply:

Colored Water Murky Stains
 Odor Floating Objects Notable Difference in Plant Life
 Oily Sheen Sludge Present
 Clear Water Suds

Comments/Notes:

2. If no visible standing water at outfall location, check all that apply:

Sludge Present Notable Difference in Plant Life - *healthy*
 Stains *murky*
 film on water

Comments/Notes: *Film on water below outfalls, accumulating in stagnant areas*

3. Describe any storm water flows and estimate flow rate:

4. Describe storm water samples collected, if any: *Samples collected @ 9:47*
murky, brown to gray

5. Describe any corrective actions to be taken: *Clean up trash in area.*

6. Additional Notes and Water Quality Data:

Temp: *17.25°C* DO: *5.17 ppm* pH: *7.83* Cond: *6.750 mS/cm* ORP: *246.2*

7. Next Inspection Scheduled for: *Dry weather inspection - September 2011*

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Tel. (505) 564-2281 Fax (505) 324-2022

Project: Storm Water Quarterly Monitoring
 Client: City of Farmington
 Location: Outfall 5 MOC Sewer Outfall #2
 Inspector: C. Lameman / D. Watson
 Inspector's Title:

Project No.: 021203
 Date: Sep 14 2011
 Time: 1608
 Weather: light rain
 Air Temperature: 59°
 Days Since Last Rainfall: 2 days (Sep 12, 2011)
 Amount of Last Rainfall (in.): 0.4 inches

OUTFALL Location:	Condition	Storm Water Accumulation? (Y/N)	Recent Spill (Y/N)	Notes & Actions Taken
MOC # 2 28" pipe	Flowing	N	N	—

1. Is there visible standing water at outfall location? If no, go to next question. **No**

Check all that apply:

Colored Water Murky Stains
 Odor Floating Objects Notable Difference in Plant Life
 Oily Sheen Sludge Present
 Clear Water Suds

Comments/Notes:

2. If no visible standing water at outfall location, check all that apply:

Sludge Present Notable Difference in Plant Life - **healthy plants**
 Stains
 murky

Comments/Notes:

3. Describe any storm water flows and estimate flow rate: **Flow v. slow**

4. Describe storm water samples collected, if any: **Samples collected @ 1010**

5. Describe any corrective actions to be taken:

6. Additional Notes and Water Quality Data:

Temp: 17.89°C DO: 5.40ppm pH: 7.83 Cond: 0.213 mS/cm ORP: 224.7

7. Next Inspection Scheduled for: **Dry weather inspection - September 2011**

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Project: Storm Water Quarterly Monitoring
 Client: City of Farmington
 Location: Outfall 6 MOC Sewer Outfall #3
 Inspector: C. Lameman / D. Watson
 Inspector's Title: _____

Project No.: 021203
 Date: Sept 14, 2011
 Time: 10:18
 Weather: light rain
 Air Temperature: 59° F
 Days Since Last Rainfall: 2 days (Sept 12, 2011)
 Amount of Last Rainfall (in.): 0.4 inches

OUTFALL Location:	Condition	Storm Water Accumulation? (Y/N)	Recent Spill (Y/N)	Notes & Actions Taken
<u>MOC #3 24" pipe</u>	<u>flowing (slowly)</u>	<u>N</u>	<u>N</u>	<u>—</u>

1. Is there visible standing water at outfall location? If no, go to next question.

Check all that apply:

- Colored Water
- Odor
- Oily Sheen
- Clear Water
- Murky
- Floating Objects
- Sludge Present
- Suds
- Stains
- Notable Difference in Plant Life

Comments/Notes: _____

2. If no visible standing water at outfall location, check all that apply:

- Sludge Present
- Stains
- Notable Difference in Plant Life

murky

Comments/Notes: minor ants of trash

3. Describe any storm water flows and estimate flow rate: N/A

4. Describe storm water samples collected, if any: Samples collected @ 10:20
murky, gray in color

5. Describe any corrective actions to be taken:

6. Additional Notes and Water Quality Data:

Temp: 17.89°C DO: 4.74 ppm pH: 7.94 Cond: 0.115 mS/cm ORP: 214.9

7. Next Inspection Scheduled for: Dry weather - September 2011

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Project: Storm Water Quarterly Monitoring
 Client: City of Farmington
 Location: Outfall 11 City Sports Complex Baseball Fields on
 Inspector: Clameman / D Watson
 Inspector's Title:

Project No.: 021203
 Date: Sep 14, 2011
 Time: 8:20
 Weather: light rain
 Air Temperature: 56°
 Days Since Last Rainfall: 2 days (Sep 12, 2011)
 Amount of Last Rainfall (in.): 0.4"

OUTFALL Location:	Condition	Storm Water Accumulation? (Y/N)	Recent Spill (Y/N)	Notes & Actions Taken
30" pipes E(1)	flowing	N	N	
W(2)	flowing	N	N	

1. Is there visible standing water at outfall location? If no, go to next question.
 Check all that apply:
 Colored Water Murky Stains
 Odor Floating Objects Notable Difference in Plant Life
 Oily Sheen Sludge Present
 Clear Water Suds
 Comments/Notes:

2. If no visible standing water at outfall location, check all that apply:
 Sludge Present Notable Difference in Plant Life
 Stains brown/muddy
 Comments/Notes:

3. Describe any storm water flows and estimate flow rate: 0.1 ft/sec 2" deep (Pipe 1)

4. Describe storm water samples collected, if any: Samples collected @ 8:30
 samples collected from Pipe 1 - more water flowing

5. Describe any corrective actions to be taken:

6. Additional Notes and Water Quality Data:
 Temp: 14.37°C DO: 6.42 ppm pH: 7.83 Cond: 0.101 mS/cm ORP: 224.2

7. Next Inspection Scheduled for: Dry weather inspection scheduled for Sept 2011