

**PERMIT COMPLIANCE SYSTEM (PCS)  
DATA ENTRY SUMMARY SHEET**

AFIN# 41-00001

**1. MODIFICATION**

FACILITY/PART 1 SCREEN [FAC1]

|                          |         |   |
|--------------------------|---------|---|
| PERMIT #                 | (NPID): | <b>2. AR0042846</b>                               |
| FACILITY NAME            | (FNML): | <b>3. Ash Grove Cement Company</b>                |
| MAJOR/MINOR INDICATION   | (MADI): | <b>4. Minor</b>                                   |
| COGNIZANT OFFICIAL       | (OFFL): | <b>5. Dan Peterson, Plant mgr.</b>                |
| TELEPHONE                | (TELE): | <b>6. 870-542-6217</b>                            |
| STANDARD INDUSTRIAL CODE | (SIC2): | <b>7. 3241, NAICS: 32731</b>                      |
| PRETREATMENT REQUIRED    | (PRET): | <b>8. No</b>                                      |
| FINAL LIMITS             | (FLIM): | <b>9. Yes</b> <input checked="" type="checkbox"/> |
| ENGINEER {initials}      | (ENGL): | <b>10. ag</b>                                     |
| AVERAGE DESIGN FLOW      | (FLOW): | <b>11. 0.29 MGD</b>                               |

FACILITY/PART 2 SCREEN [FAC2]

|                  |         |   |
|------------------|---------|---|
| RECEIVING WATERS | (RWAT): | <b>12. unnamed tributary of French Creek, thence to French Creek, thence to Walnut Bayou, thence to the Red River in Segment 1B of the Red River Basin.</b> |
|------------------|---------|---|

**FACILITY LATITUDE & LONGITUDE**

(FLAT) & (FLON): **13. & 14. Latitude: 33° 41' 11"**  
**Longitude: 94° 25' 25"**

|                          |         |                                  |
|--------------------------|---------|----------------------------------|
| TOXICS INDICATOR         | (RDF2): | <b>15.</b>                       |
| RATING WORKSHEET TOTAL   | (RDF4): | <b>16. X</b>                     |
| STREAM SEGMENT           | (RDF5): | <b>17. 1B</b>                    |
| ADMINISTRATIVE ASSISTANT | (RDF8): | <b>18. <del>N/A</del> LITTLE</b> |

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FACILITY ADDRESS SCREEN \*[FACA] -- DMR MAILING ADDRESS --

|                |         |                                     |
|----------------|---------|-------------------------------------|
| FACILITY NAME  | (NAM):  | <b>23. Ash Grove Cement Company</b> |
| ADDRESS LINE 1 | (-ST1): | <b>24. P.O. Box 130</b>             |
| ADDRESS LINE 2 | (-ST2): | <b>25.</b>                          |
| CITY           | (-CTY): | <b>26. Foreman</b>                  |
| STATE          | (-STT): | <b>27. AR</b>                       |
| ZIP            | (-ZIP): | <b>28. 71836</b>                    |

FACILITY LOCATION ADDRESS \*[FACA]

|                |         |  |
|----------------|---------|--|
| FACILITY NAME  | (RNAM): | <b>29. Ash Grove Cement Company</b>              |
| ADDRESS LINE 1 | (RST1): | <b>30. <del>P.O. Box 130</del> 4457 Hwy 108W</b> |
| ADDRESS LINE 2 | (RST2): | <b>31.</b>                                       |
| CITY           | (RCTY): | <b>32. <del>Foreman</del> ok</b>                 |
| STATE          | (RSTT): | <b>33. AR</b>                                    |
| ZIP            | (ZIP):  | <b>34. 71836</b>                                 |

OWNER/OPERATOR ADDRESS SCREEN \*[FACO]

|                |         |            |
|----------------|---------|------------|
| HANDLER NAME   | (SNAM): | <b>35.</b> |
| ADDRESS LINE 1 | (SST1): | <b>36.</b> |
| ADDRESS LINE 2 | (SST2): | <b>37.</b> |
| CITY           | (SCTY): | <b>38.</b> |
| STATE          | (SSTT): | <b>39.</b> |
| ZIP            | (ZIP):  | <b>40.</b> |

COMPLIANCE SCHEDULE SCREEN [CSCH]

The permittee shall achieve compliance with the effluent limitations specified for discharges in accordance with the following schedule:

Compliance is required on the effective date of the permit.

**OUTFALL: 001**

**PERMIT # (NPID): AR0042846**

**FACILITY NAME (FNML): Ash Grove Cement Company**

GENERAL OUTFALL INFORMATION SCREENS [OFLG, OFLT, LIMS, SLPS]

|   |         |                      |  |
|---|---------|----------------------|--|
| OUTFALL TYPE                                  | (OUTT): | <b>41.</b>           |  |
| TYPE EFFLUENT WASTE                           | (WAST): | <b>42.</b>           |  |
| [OFLG] PIPE DESCRIPTION                       | (PIPE): | <b>43.</b>           | Outfall 001: Fishing Lake (active quarry dewatering and stormwater runoff <sup>3</sup> ) |
| PIPE LATITUDE & LONGITUDE<br>(PLAT) & (PLON): |         | <b>44. &amp; 45.</b> | Outfall 001: Latitude: 33° 41' 00" Longitude: 94° 25' 30"                                |
| [OFLT] TREATMENT TYPE CODES                   | (TRET): | <b>46.</b>           | 1U <del>4A</del>   |
| PIPE COMMENTS                                 | (PICM): | <b>47.</b>           | {PCS - See below}  |
| MONITORING LOCATION                           | (MLOC): | <b>48.</b>           | from the final treatment unit.   |
| SLUDGE USE OPTION                             | (SLTP): | <b>59.</b>           |  |
| (SLPS) LAND REUSE OPTION                      | (SLLR): | <b>60.</b>           |  |
| CROP CLASS                                    | (SLCC): | <b>61.</b>           |  |
| CROP TYPE                                     | (SLCT): | <b>62.</b>           |  |

During the period beginning on the effective date and lasting through date of expiration, the permittee is authorized to discharge from outfall serial number 001. Such discharges shall be limited and monitored by the permittee as specified below:

**Effluent Characteristic**

| Effluent Characteristic                 | Discharge Limitations |               | Monitoring Requirements |                      |                                    |                       |
|---|-----------------------|---------------|-------------------------|----------------------|------------------------------------|-----------------------|
|   | Mass (lbs/day)        |               | Other Units (specify)   |                      | Measurement Frequency <sup>2</sup> | Sample Type           |
|   | Monthly Average       | Daily Maximum | Monthly Average         | Daily Maximum        |                                    |                       |
| Flow (MGD) <sup>1</sup><br>(50050)      | N/A<br>(03)           | N/A<br>(03)   | Report<br>(19)          | Report<br>(19)       | once/month<br>(01/30)              | Instantaneous<br>(IN) |
| Total Suspended Solids (TSS)<br>(00530) | N/A<br>(26)           | N/A<br>(26)   | N/A<br>(19)             | 50.0 mg/l<br>(19)    | Once/month<br>(01/30)              | Grab<br>(GR)          |
| pH<br>(00400)                           | N/A                   | N/A           | 6.0 s.u.<br>(12) MIN    | 9.0 s.u.<br>(12) MAX | once/month<br>(01/30)              | Grab<br>(GR)          |

- 1 report monthly average and daily maximum as MGD
- 2 samples shall be taken at first discharge (see condition #4 of part III)
- 3 see condition #4 of part III

**OUTFALL: 002**

**PERMIT # (NPID): AR0042846**

**FACILITY NAME (FNML): Ash Grove Cement Company**

GENERAL OUTFALL INFORMATION SCREENS [OFLG, OFLT, LIMS, SLPS]

|  |         |                      |  |
|--|---------|----------------------|--|
| OUTFALL TYPE                               | (OUTT): | <b>41.</b>           |  |
| TYPE EFFLUENT WASTE                        | (WAST): | <b>42.</b>           |  |
| [OFLG] PIPE DESCRIPTION                    | (PIPE): | <b>43.</b>           | Outfall 002: Coal Pile Sedimentation Pond (stormwater runoff <sup>3</sup> from coal storage area and closed CKD landfill). |
| PIPE LATITUDE & LONGITUDE (PLAT) & (PLON): |         | <b>44. &amp; 45.</b> | Outfall 002: Latitude: 33° 41' 30" Longitude: 94° 25' 30"  |
| [OFLT] TREATMENT TYPE CODES                | (TRET): | <b>46.</b>           | 1U   |
| PIPE COMMENTS                              | (PICM): | <b>47.</b>           | {PCS - See below}  |
| MONITORING LOCATION                        | (MLOC): | <b>48.</b>           | from the final treatment unit.   |
| SLUDGE USE OPTION                          | (SLTP): | <b>59.</b>           |  |
| (SLPS) LAND REUSE OPTION                   | (SLLR): | <b>60.</b>           |  |
| CROP CLASS                                 | (SLCC): | <b>61.</b>           |  |
| CROP TYPE                                  | (SLCT): | <b>62.</b>           |  |

During the period beginning on the effective date and lasting through date of expiration, the permittee is authorized to discharge from outfall serial number 002. Such discharges shall be limited and monitored by the permittee as specified below:

| Effluent Characteristic                 | Discharge Limitations |               | Monitoring Requirements |                      |                       |                       |
|---|-----------------------|---------------|-------------------------|----------------------|-----------------------|-----------------------|
|   | Mass (lbs/day)        |               | Other Units (specify)   |                      | Measurement Frequency | Sample Type           |
|   | Monthly Average       | Daily Maximum | Monthly Average         | Daily Maximum        |                       |                       |
| Flow (MGD) <sup>1</sup><br>(50050)      | N/A<br>(03)           | N/A<br>(03)   | Report<br>(19)          | Report<br>(19)       | once/month<br>(01/30) | Instantaneous<br>(IN) |
| Total Suspended Solids (TSS)<br>(00530) | N/A<br>(26)           | N/A<br>(26)   | N/A<br>(19)             | 50.0 mg/l<br>(19)    | Once/month<br>(01/30) | Grab<br>(GR)          |
| pH<br>(00400)                           | N/A                   | N/A           | 6.0 s.u.<br>(12) MIN    | 9.0 s.u.<br>(12) MAX | once/month<br>(01/30) | Grab<br>(GR)          |

- 1 report monthly average and daily maximum as MGD
- 2 samples shall be taken at first discharge (see condition #4 of part III)
- 3 see condition #4 of part III

**OUTFALL: 003**

**PERMIT # (NPID): AR0042846**

**FACILITY NAME (FNML): Ash Grove Cement Company**

**GENERAL OUTFALL INFORMATION SCREENS [OFLG, OFLT, LIMS, SLPS]**

OUTFALL TYPE (OUTT): **41.**  
 TYPE EFFLUENT WASTE (WAST): **42.**  
 [OFLG] PIPE DESCRIPTION (PIPE): **43.**  
 processing  
  
 PIPE LATITUDE & LONGITUDE (PLAT) & (PLON): **44. & 45.**  
 [OFLT] TREATMENT TYPE CODES (TRET): **46.**  
 PIPE COMMENTS (PICM): **47.**  
 MONITORING LOCATION (MLOC): **48.**  
 SLUDGE USE OPTION (SLTP): **59.**  
 (SLPS) LAND REUSE OPTION (SLLR): **60.**  
 CROP CLASS (SLCC): **61.**  
 CROP TYPE (SLCT): **62.**

Outfall 003: process water pond (chalk dryer wet scrubber discharge, stormwater runoff<sup>3</sup> from coal area, truck washout water, sanitary wastewater treatment lagoon effluent, lab/office building sanitary packaging plant effluent, non-contact cooling water, process area washdown water and stormwater from the closed Cement Kiln Dust landfill)

Outfall 003: Latitude: 33° 41' 10" Longitude: 94° 25' 30"  
 1U  
 {PCS - See below}  
 from the final treatment unit.

During the period beginning on the effective date and lasting through date of expiration, the permittee is authorized to discharge from outfall serial number 003. Such discharges shall be limited and monitored by the permittee as specified below:

| Effluent Characteristic                  | Discharge Limitations |               | Monitoring Requirements          |                      |                                    |                       |
|--|-----------------------|---------------|----------------------------------|----------------------|------------------------------------|-----------------------|
|  | Mass (lbs/day)        |               | Other Units (specify)            |                      | Measurement Frequency <sup>2</sup> | Sample Type           |
|  | Monthly Average       | Daily Maximum | Monthly Average                  | Daily Maximum        |                                    |                       |
| Flow (MGD) <sup>1</sup><br>(50050)       | N/A<br>(03)           | N/A<br>(03)   | Report<br>(19)                   | Report<br>(19)       | once/month<br>(01/30)              | Instantaneous<br>(IN) |
| Fecal Coliform Bacteria (FCB)<br>(74055) | N/A                   | N/A           | (Colonies/100ml)<br>1000<br>(19) | 2000<br>(19)         | once/month<br>(01/30)              | grab<br>(GR)          |
| Discharge Temperature<br>(00011)         | N/A                   | N/A           | Report, °F<br>(19)               | Report, °F<br>(19)   | once/month<br>(01/30)              | IN-situ<br>(IS)       |
| Total Suspended Solids (TSS)<br>(00530)  | N/A                   | N/A           | N/A<br>(19)                      | 50.0 mg/l<br>(19)    | Once/month<br>(01/30)              | Grab<br>(GR)          |
| pH<br>(00400)                            | N/A                   | N/A           | 6.0 s.u.<br>(12) MIN             | 9.0 s.u.<br>(12) MAX | once/month<br>(01/30)              | Grab<br>(GR)          |

1 report monthly average and daily maximum as MGD

2 samples shall be taken at first discharge (see condition #4 of part III)

3 see condition #4 of part III

OUTFALL: 03A

PERMIT # (NPID): AR0042846

FACILITY NAME (FNML): Ash Grove Cement Company

GENERAL **OUTFALL** INFORMATION SCREENS [OFLG, OFLT, LIMS, SLPS]

OUTFALL TYPE (OUTT): 41. M

TYPE EFFLUENT WASTE (WAST): 42.

[OFLG] PIPE DESCRIPTION (PIPE): 43. Outfall 03A: CKD Pond (runoff from CKD dust landfill)

PIPE LATITUDE & LONGITUDE (PLAT) & (PLON): 44. & 45. Outfall 03A: Latitude: 33° 41' 30" Longitude: 94° 25' 30"

[OFLT] TREATMENT TYPE CODES (TRET): 46. 1U

PIPE COMMENTS (PICM): 47. {PCS - See below}

MONITORING LOCATION (MLOC): 48. ~~from the final treatment unit.~~ J

SLUDGE USE OPTION (SLTP): 59.

(SLPS) LAND REUSE OPTION (SLLR): 60.

CROP CLASS (SLCC): 61.

CROP TYPE (SLCT): 62.

During the period beginning on the effective date and lasting through date of expiration, the permittee is authorized to discharge from outfall serial number 03A. Such discharges shall be limited and monitored by the permittee as specified below:

**Effluent Characteristic**

| Effluent Characteristic                 | Discharge Limitations |               | Monitoring Requirements |                      |                       |                       |
|---|-----------------------|---------------|-------------------------|----------------------|-----------------------|-----------------------|
|   | Mass (lbs/day)        |               | Other Units (specify)   |                      | Measurement Frequency | Sample Type           |
|   | Monthly Average       | Daily Maximum | Monthly Average         | Daily Maximum        |                       |                       |
| Flow (MGD) <sup>1</sup><br>(50050)      | N/A<br>(03)           | N/A<br>(03)   | Report<br>(19)          | Report<br>(19)       | once/month<br>(01/30) | Instantaneous<br>(IN) |
| Total Suspended Solids (TSS)<br>(00530) | N/A<br>(26)           | N/A<br>(26)   | N/A<br>(19)             | 50.0 mg/l<br>(19)    | Once/month<br>(01/30) | Grab<br>(GR)          |
| pH<br>(00400)                           | N/A                   | N/A           | 6.0 s.u.<br>(12) MIN    | 9.0 s.u.<br>(12) MAX | once/month<br>(01/30) | Grab<br>(GR)          |

- 1 report monthly average and daily maximum as MGD
- 2 samples shall be taken at first discharge (see condition #4 of part III)

OUTFALL: 03B

PERMIT # (NPID): AR0042846

FACILITY NAME (FNML): Ash Grove Cement Company

GENERAL OUTFALL INFORMATION SCREENS [OFLG, OFLT, LIMS, SLPS]

|  |         |           |  |
|--|---------|-----------|--|
| OUTFALL TYPE                               | (OUTT): | 41.       | M  |
| TYPE EFFLUENT WASTE                        | (WAST): | 42.       |  |
| [OFLG] PIPE DESCRIPTION                    | (PIPE): | 43.       | Outfall 03B: Coal Pile Sedimentation Pond (stormwater runoff <sup>3</sup> from coal storage area and closed CKD landfill). |
| PIPE LATITUDE & LONGITUDE (PLAT) & (PLON): |         | 44. & 45. | Outfall 03B: Latitude: 33° 41' 30" Longitude: 94° 25' 30"  |
| [OFLT] TREATMENT TYPE CODES                | (TRET): | 46.       | 1U   |
| PIPE COMMENTS                              | (PICM): | 47.       | {PCS - See below}  |
| MONITORING LOCATION                        | (MLOC): | 48.       | <del>from the final treatment unit.</del> J  |
| SLUDGE USE OPTION                          | (SLTP): | 59.       |  |
| (SLPS) LAND REUSE OPTION                   | (SLLR): | 60.       |  |
| CROP CLASS                                 | (SLCC): | 61.       |  |
| CROP TYPE                                  | (SLCT): | 62.       |  |

During the period beginning on the effective date and lasting through date of expiration, the permittee is authorized to discharge from outfall serial number 03B. Such discharges shall be limited and monitored by the permittee as specified below:

**Effluent Characteristic**

| Effluent Characteristic                     | Discharge Limitations |               | Monitoring Requirements |                   |                       |                       |
|---|-----------------------|---------------|-------------------------|-------------------|-----------------------|-----------------------|
|   | Mass (lbs/day)        |               | Other Units (specify)   |                   | Measurement Frequency | Sample Type           |
|   | Monthly Average       | Daily Maximum | Monthly Average         | Daily Maximum     |                       |                       |
| Flow (MGD) <sup>1</sup><br>(50050)          | N/A<br>(03)           | N/A<br>(03)   | Report<br>(19)          | Report<br>(19)    | once/month<br>(01/30) | Instantaneous<br>(IN) |
| Biochemical Oxygen Demand (BOD5)<br>(00310) | 1.3<br>(26)           | 1.9<br>(26)   | 30.0 mg/l<br>(19)       | 45.0 mg/l<br>(19) | once/month<br>(01/30) | grab<br>(GR)          |
| Total Suspended Solids (TSS)<br>(00530)     | 1.3<br>(26)           | 1.9<br>(26)   | 30.0 mg/l<br>(19)       | 45.0 mg/l<br>(19) | once/month<br>(01/30) | Grab<br>(GR)          |

1 report monthly average and daily maximum as MGD

PIPE COMMENTS (PICM):

- 1 Report monthly flow average and daily maximum as MGD (million gallons per day).
- 2 See item #27(a) of Part IV (Dissolved Oxygen).

There shall be no discharge of distinctly visible solids, scum or foam of a persistent nature, nor shall there be any formation of slime, bottom deposits or sludge banks. No visible sheen (Sheen means an iridescent appearance on the surface of the water).

Samples taken in compliance with the monitoring requirements specified above shall be taken at the discharge from the final treatment unit.