In compliance with the Oklahoma Pollutant Discharge Elimination System (OPDES) Act, 27A O.S. § 2-6-201 et seq., Oklahoma Uniform Environmental Permitting Act, 27A O.S. § 2-14-101 et seq., and the rules of the Oklahoma Department of Environmental Quality promulgated thereunder,

APAC-Central, Inc. - Roberts Quarry & Asphalt
P.O. Box 9208
Fayetteville, AR 72703

is authorized to discharge from their facility, located in the:

S½ of Section 2 and N½ of Section 11 of Township 15N, Range 21EIM,
Cherokee County, Oklahoma
or at 14199 West 834 Rd., Tahlequah, OK 74464

And to receiving waters identified as: unnamed tributary of Mill Creek (WBID# 120400010360_00), stream segment 120400 in the Middle Arkansas River Basin

from: Outfall 002:

Latitude 35.804361º, Longitude -95.048333º (GPS: NAD83)
NE¼, NE¼, SW¼, Section 2, Township 15N, Range 21EIM,
Cherokee County, Oklahoma

in accordance with effluent limitations, monitoring requirements, and other conditions set forth in Parts I, II, and III, hereof.

The above referenced facility is also authorized to retain wastewater in three (3) flow-through surface impoundments (F01, F02 and F04), and one (1) total retention impoundment (T01), as described in the Appendix. Surface impoundments shall be maintained in accordance with Parts I, II, and IV, hereof.

Issuance of this permit in no way or in any respect affects the permittee's civil or criminal responsibility regarding disposal and/or discharges of wastewater, except with respect to the permittee's legal responsibility under the OPDES Act and Department Rules.

This permit replaces and supersedes the previous permit issued on September 6, 2017.

The issuance date of this permit is Month Date Year.

This permit shall become effective Month Date Year.

This permit and authorization to discharge shall expire at midnight Month Date Year.
For the Oklahoma Department of Environmental Quality:

Carol Paden, P.E., Manager  
Industrial Permits Section  
Water Quality Division

Shellie R. Chard, Director  
Water Quality Division
PART I
EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

SECTION A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Outfall 002

Limitations, Reporting Requirements and Monitoring

During the period beginning the effective date and lasting through the expiration date, the permittee is authorized to discharge from Outfall 002. The discharge will consist of runoff from the rock washing process and stormwater runoff from the active quarry, asphalt plant, and equipment wash wastewater.

Such discharge shall be limited and monitored by the permittee as specified below:

Effluent Limitations – Outfall 002

<table>
<thead>
<tr>
<th>PARAMETERS</th>
<th>DISCHARGE LIMITATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MASS LOADING LIMITS (lbs/day unless otherwise specified)</td>
</tr>
<tr>
<td></td>
<td>MONTHLY AVERAGE</td>
</tr>
<tr>
<td>Flow</td>
<td>Report (mgd) (1)</td>
</tr>
<tr>
<td>STORET: 50050</td>
<td></td>
</tr>
<tr>
<td>Total Suspended Solid (TSS)</td>
<td>---</td>
</tr>
<tr>
<td>STORET: 00530</td>
<td></td>
</tr>
<tr>
<td>Oil and Grease</td>
<td>---</td>
</tr>
<tr>
<td>STORET: 00556</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>N/A</td>
</tr>
<tr>
<td>STORET: 00400</td>
<td></td>
</tr>
</tbody>
</table>

(1) Million gallons per day.

Monitoring Requirements – Outfall 002

<table>
<thead>
<tr>
<th>PARAMETERS</th>
<th>MEASUREMENT FREQUENCY *</th>
<th>SAMPLE TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow</td>
<td>1/month</td>
<td>Estimate</td>
</tr>
<tr>
<td>Total Suspended Solids</td>
<td>1/month</td>
<td>Grab</td>
</tr>
<tr>
<td>Oil and Grease</td>
<td>1/month</td>
<td>Grab</td>
</tr>
<tr>
<td>pH</td>
<td>1/month</td>
<td>Grab</td>
</tr>
</tbody>
</table>

* When discharging.

NOTE: See Parts II and III for Additional Requirements.

There shall be no discharge of a visible sheen of oil or globules of oil or grease on or in the water. Oil and grease shall not be present in quantities that adhere to stream banks and coat bottoms of watercourses.

Surface waters of the State shall be maintained free from oil and grease and taste and odors. There shall be no discharge of floating solids or visible foam in other than trace amounts.

The discharge shall not contain chemical, physical, or biological substances in concentrations that are irritating to skin or sense organs or are toxic or cause illness upon ingestion by human beings.
Samples for Outfall 002 taken in compliance with the monitoring requirements specified above shall be taken at the following location:

Outfall 002: At the discharge end of the Parshall Flume installed at Outfall 002, NE¼, NE¼, SW¼, Section 2, Township 15N, Range 21EIM, Cherokee County, Oklahoma, or at Latitude 35.804361°, Longitude -95.048333° (GPS: NAD83).

SECTION B. SCHEDULE OF COMPLIANCE

The permittee shall achieve compliance with the effluent limitations specified for discharges in accordance with the following schedule: None.

SECTION C. REPORTING OF MONITORING RESULTS

Monitoring results shall be reported in accordance with the provisions of Part III.E.4 of the permit. Monitoring results obtained during the previous month shall be summarized and electronically reported on an electronic Discharge Monitoring Report (eDMR) form due to the Oklahoma Department of Environmental Quality, Water Quality Division, Wastewater Compliance Tracking Section no later than the 15th day of the month following the completed monthly test. If no discharge occurs during the reporting period, an eDMR form stating "No Discharge" shall be electronically submitted according to the above schedule. Instructions on how to register as a Preparer or Signatory for eDMRs, as well as how to prepare and submit eDMRs, can be found on DEQ’s website at https://www.deq.ok.gov/water-quality-division/electronic-reporting/. Assistance is also available by contacting DEQ at (405) 702-8100 or deqreporting@deq.ok.gov.

The first report is due on _________, 2022.
PART II
OTHER PERMIT REQUIREMENTS

A. REGULATORY NOTICE

The permittee is hereby given notice that this permit is in all respects subject to compliance with and actions under any and all applicable and relevant terms, conditions, provisions and requirements, and any and all amendments of the laws of the state of Oklahoma, the rules of the Oklahoma Department of Environmental Quality, and Oklahoma’s Water Quality Standards. The absence of any express reference within this permit of any particular statutory requirement, rule(s), regulation(s), or standard(s) shall in no respect be deemed or construed to exempt or preclude the application of such requirement, rule(s), regulation(s), or standard(s) to this permit or the permittee. By the Director’s approval, grant and issuance of this permit, permittee acknowledges receipt of true, correct, and current copies of Oklahoma’s Water Quality Standards, and the rules of the Oklahoma Department of Environmental Quality.

B. REOPENER CLAUSE

This permit may be reopened for modification or revocation and reissuance to require additional monitoring and/or effluent limitations where actual or potential exceedances of state water quality criteria are determined to be the result of the permittee’s discharge to the receiving water(s), or a Total Maximum Daily Load is established for the receiving stream(s), or when required as technology advances. Modification or revocation and reissuance of the permit shall follow regulations listed at 40 C.F.R. § 124.5.

C. LABORATORY ACCREDITATION

All laboratory analyses for the parameters specified in this permit must be performed by a laboratory accredited by the Oklahoma Department of Environmental Quality for those parameters.

D. ANALYTICAL REQUIREMENTS

Unless otherwise specified in this permit, effluent and/or upstream monitoring shall be conducted according to analytical, apparatus and materials, sample collection, preservation, handling, etc., procedures listed at 40 C.F.R. Part 136 in effect on the effective date of this permit. Appendices A, B, and C to 40 C.F.R. Part 136 are specifically referenced as part of this requirement. Amendments to 40 C.F.R. Part 136 promulgated and incorporated by reference into OAC 252:606-1-3(b)(7) after the effective date of this permit shall supersede these requirements as applicable.

E. MINIMUM QUANTIFICATION LEVEL (MQL)

If any individual analytical test result taken for compliance with this permit is less than the corresponding minimum quantification level listed in OAC 252:690 Appendix B, a value of zero (0) may be used for that individual result for the DMR calculations and reporting requirements.

The following table lists minimum quantification levels to be used for the corresponding listed pollutants. If any individual analytical test result taken for compliance with this permit is less than the corresponding minimum quantification level listed in the following table, a value of zero (0) may be used for that individual result for the DMR calculations and reporting requirements.

<table>
<thead>
<tr>
<th>POLLUTANT</th>
<th>MINIMUM QUANTIFICATION LEVEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oil and Grease (HEM)</td>
<td>5 mg/L</td>
</tr>
</tbody>
</table>
F. **SURFACE IMPOUNDMENT REQUIREMENTS**

A minimum freeboard of three (3) feet for surface impoundments F01, F02, F04, and T01 shall be maintained.

The permit may be reopened to implement and/or require impoundment modifications, additions, extensions, and/or operational changes; additional monitoring and reporting (including but not necessarily limited to soil sampling); reclassification of wastes; sludge management plans; best management practices; closure plans; remediation and/or remediation plans; monitoring wells and/or subsurface monitoring plans; and/or other appropriate actions.

At such time as any surface impoundment is to be permanently taken out of service or at such time as the contents of any surface impoundment pose a risk to the environment or waters of the state, the owner or operator of the facility shall follow all closure requirements contained in OAC 252:616-13.

In all other respects, all surface impoundments shall be subject to standard conditions for surface impoundment contained in OAC 252:616, Subchapters 5, 7, and 13, including but not limited to requirements for construction, operation, maintenance, monitoring, and closure.

G. **LAND APPLICATION**

The use of stormwater/wastewater from surface impoundments F01, F02, and F04 for dust suppression is authorized by this permit and is subject to the requirements as specified in this permit:

1. The wastewater that is reused or land applied is classified as Class III wastewater in accordance with OAC 252:616-1-2. To maintain this classification, the wastewater to be land applied shall be free of visible sheen of oil or globules of oil or grease and shall have a pH between 6.5 s.u. and 9.0 s.u.

2. The wastewater to be land applied shall be visually inspected prior to land application. An inspection log shall be maintained at the site and made available to DEQ upon request. Wastewater used for stone washing or for dust suppression is exempt from monitoring requirements.

3. There shall be no land application of wastewater during periods of precipitation or when soil is saturated or frozen.

4. There shall be no use of wastewater for dust suppression in areas where the depth to the maximum seasonal groundwater level is less than two (2) feet in accordance with OAC 252:616-5-1(b)(2)(E).

5. There shall be no runoff of wastewater from the land application practice, or from construction/ stabilization sites.

6. The permittee shall give advance notice to the DEQ of any changes in wastewater source(s), treatment or characteristics, method(s) of land application, or the addition of any specific land application site not previously approved in the permit.

In addition to the above-mentioned conditions, use of wastewater from surface impoundment T01 for dust suppression is authorized by this permit and is subject to the requirements as specified below:

7. The permittee shall test wastewater from surface impoundment T01 for oil & grease before each land application.

8. Use of wastewater for dust suppression is prohibited if the concentration of oil & grease in the wastewater from surface impoundment T01 is more than 5 mg/l.
H. OTHER DISPOSAL METHODS

Solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewater shall be disposed of in a state approved industrial waste disposal site or to a company for recycling.

If any such industrial wastes are removed from the facility, the permittee shall keep accurate records which include the following information:

a. Name and address of company hauling waste;
b. The type and amount of waste hauled; and
c. The final disposal site of waste hauled.

Upon request, the above records shall be made available to the staff of the Department for inspection, review, and copying.
## APPENDIX

**Description of Wastewater Treatment/Disposal Surface Impoundments (S.I.s)**

<table>
<thead>
<tr>
<th>S.I.</th>
<th>Wastewater</th>
<th>Liner Requirements</th>
<th>Holding Capacity and/or Dimensions</th>
<th>Wastewater Destination</th>
</tr>
</thead>
<tbody>
<tr>
<td>F01</td>
<td>Wastewater from rock washing and is classified as Class III wastewater</td>
<td>Excavated Rock</td>
<td>4,100,000 gallons</td>
<td>F02</td>
</tr>
<tr>
<td>F02</td>
<td>Stormwater runoff from active rock quarry, settled wastewater from F01, and material wash wastewater and is classified as Class III wastewater</td>
<td>Excavated Rock</td>
<td>24,200,000 gallons</td>
<td>F04</td>
</tr>
<tr>
<td>F04</td>
<td>Stormwater runoff from active rock quarry and from the asphalt plant area, and settled wastewater from F02 and is classified as Class III wastewater</td>
<td>Excavated Rock</td>
<td>250,000,000 gallons</td>
<td>Outfall 002 or pumped to F02</td>
</tr>
<tr>
<td>T01</td>
<td>Wastewater from equipment wash pad and is classified as Class III wastewater</td>
<td>Concrete</td>
<td>1,000 gallons</td>
<td>Total retention and evaporation</td>
</tr>
</tbody>
</table>

---

*p Designation F refers to a flow-through surface impoundment. Designation T refers to total retention surface.

* Based on information provided in application. Freeboard requirements in Part II.F must be met.

### Location of Surface Impoundments

<table>
<thead>
<tr>
<th>S.I.</th>
<th>Legal Location</th>
<th>General Location and Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>F01</td>
<td>NE¼, NE¼, NW¼, Section 11, T15N, R21EIM, Cherokee County, Oklahoma</td>
<td>Southeast of quarry pit</td>
</tr>
<tr>
<td>F02</td>
<td>SW¼, NE¼, NW¼, Section 11, T15N, R21EIM, Cherokee County, Oklahoma</td>
<td>Southeast of quarry pit</td>
</tr>
<tr>
<td>F04</td>
<td>SW¼ of Section 2 and NW¼ of Section 11 T15N, R21EIM, Cherokee County, Oklahoma</td>
<td>The quarry pit</td>
</tr>
<tr>
<td>T01</td>
<td>NE¼, NW¼, NE¼, Section 11, T15N, R21EIM, Cherokee County, Oklahoma</td>
<td>Westside of the work shop and south of wash pad</td>
</tr>
</tbody>
</table>