<table>
<thead>
<tr>
<th>DEQ Form Number</th>
<th>DEQ use only</th>
</tr>
</thead>
<tbody>
<tr>
<td>515-101</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date: 11-10-19</th>
<th>Facility Name: 10 Haughton, Miles</th>
</tr>
</thead>
</table>

**Environmental Quality**

**OKLAHOMA DEPARTMENT OF SOLID WASTE PROGRAM**

**LAND PROTECTION DIVISION**

**CHECKLIST**

**PROCESSING FACILITIES TRANSFER STATION A**

**APPLICATION REVIEW**
<table>
<thead>
<tr>
<th>ITEM #</th>
<th>STATE REGULATIONS OAC 252:515 OR GUIDELINES</th>
<th>GENERAL DESCRIPTION</th>
<th>INFO LOCATION</th>
<th>TECHNICALLY COMPLETE</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>FILING OF APPLICATION</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>PUBLIC PARTICIPATION AND NOTICE</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Information regarding the pending application shall be made available to the public as required in O.S. 27A Sec. 2-14-301, et. Seq., OAC 252:4-7-13. This notice is to allow concerned individuals an opportunity to voice opposition or support.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>27A O.S. 2-14-301,302,303, &amp; 252:4-7-13(d)</td>
<td>Public Notice: Shall be made with proof submitted to the Department within twenty (20) days of publication, consisting of a copy of the publication in one (1) newspaper, local to the facility site, in addition to an affidavit from the publishers showing the date of publication.</td>
<td></td>
<td></td>
<td><strong>yes</strong></td>
</tr>
<tr>
<td></td>
<td><strong>CERTIFICATION</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>252:515-3-33 &amp; 252:4-7-13(b)</td>
<td>Oath Required: Applicant shall sign the permit application under oath on forms provided by the DEQ.</td>
<td></td>
<td></td>
<td><strong>yes</strong></td>
</tr>
<tr>
<td>3</td>
<td>252:515-3-34(a),(b),(c)</td>
<td>Legal Right to Property: (a) Right of Access: The permit application for a new solid waste disposal facility, or expansion of the permit boundaries of an existing solid waste facility, must contain: (1) A true and correct copy of a legal document filed in the county in which the facility if located, possessor a legal right to access and use the property including any on- or off-site soil borrow areas, throughout the life of the site and the required post-closure monitoring period; and (2) A certification, by affidavit, that the applicant owns the real property, has current lease, or easement to accomplish the permitted purpose, or has provided legal notice to the landowner. (b) Option for Use: If an option for right of access if predicated upon the issuance of a permit prior to the exercise of that option, then the applicant must submit a copy of the option with the permit application. Once the permit has been issued, the applicant must comply with (A) of this Section prior to beginning construction. (c) Easement to the DEQ: Unless the property owner is a unit of government, a temporary easement shall be executed allowing the DEQ and/or its contractors the right to access the property to perform closure, post-closure monitoring, or corrective action in the event of default by the owner/operator.</td>
<td></td>
<td></td>
<td><strong>yes</strong></td>
</tr>
<tr>
<td>No.</td>
<td>Reference</td>
<td>Description</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----</td>
<td>-----------</td>
<td>-------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>252:515-3-35(a),(b),(c) &amp; 27A O.S. 2-10-301(c)</td>
<td>Engineer of Record: (a) Professional engineer seal required. Maps, drawings, surveys, calculations, information, and data submitted in support of permit applications for new solid waste disposal facilities or modifications of existing permits, must be prepared and stamped or sealed by a professional engineer licensed in the State of Oklahoma if the facility serves a population equivalent of 5,000 persons or more. (b) Seal placement: The engineer's stamp or seal shall be placed on the application page. Each map and drawing included in the application shall be stamped or sealed in accordance with the requirements of the State Board of Registration of Professional Engineers and Land Surveyors. (c) Failure to Seal: Documents that are not stamped or sealed in accordance with this Section will be returned to the applicant.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>252:515-3-36(a)(1)</td>
<td>The owner/operator's name, mailing address and phone number.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>252:515-3-36(a)(2)</td>
<td>The name by which the facility will be known, the mailing address of the facility, the street address of the facility (if different from the mailing address), and the facility phone number.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>252:515-3-36(a)(3)</td>
<td>A disclosure statement completed in accordance with OAC 252:515-3-31(g).</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>252:515-3-36(a)(4)</td>
<td>A legal description, by metes and bounds, section, township, and range, or parts thereof, or book and page number of plat records for platted property, of: (A) the proposed permit boundary; (B) the proposed waste processing and/or disposal areas; and (C) both on- and off-site soil borrow areas, if applicable.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>252:515-3-36(a)(5)</td>
<td>Latitude and longitude of all corners of the permit boundary and the facility entrance;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>252:515-3-36(a)(6)</td>
<td>The location of the site from the nearest town or city;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>252:515-3-36(a)(7)</td>
<td>A description of all processing, storage, and disposal operations and units;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>252:515-3-36(a)(8)</td>
<td>A description of the anticipated waste streams and amount received per day;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>252:515-3-36(a)(9)</td>
<td>The names of the municipalities and/or counties included in the service area;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>252:515-3-36(a)(10)</td>
<td>The estimated population served to be determined as follows: (A) the population of each town or city served by the disposal facility, as published in the last decennial census; or (B) the population equivalent served, calculated by dividing the anticipated amount of waste received per day by 4.4 pounds per person per day;</td>
<td>yes</td>
<td>See attachment C.</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>252:515-3-36(a)(11)</td>
<td>The types of road construction and materials to be used to ensure that all access roads within the site are passable during inclement weather by normal vehicular traffic;</td>
<td>yes</td>
<td>See attachment C.</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>252:515-3-36(a)(12)</td>
<td>A list of anticipated heavy equipment to be used in the construction and operation of the site;</td>
<td>yes</td>
<td>See attachment C.</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>252:515-3-36(a)(13)</td>
<td>Maps and drawings as required by parts (5) and/or (7) of 252:515-3-36(a)</td>
<td>yes</td>
<td>See attachment C.</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>252:515-3-36(a)(14)</td>
<td>Data, plans and specifications for the following: (A) a demonstration the proposed facility meets the location restrictions of Subchapter 5 of this Chapter; (B) an operational plan describing how compliance with the operational requirements of Subchapter 19 of this chapter, as applicable to the proposed facility, will be achieved; (C) a plan describing how compliance with the storm water management requirements of Subchapter 17 of this Chapter will be achieved; (D) plans for closure of the facility in accordance with Subchapter 25 of this Chapter; and (E) a plan for achieving compliance with the aesthetic enhancement requirements of OAC 252:515-3-37; and</td>
<td>yes</td>
<td>See attachment C. F. H. I. J. K. L. M. N.</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>252:515-3-36(a)(15)</td>
<td>Establishment of financial assurance in accordance with Subchapter 27 of this Chapter.</td>
<td>yes</td>
<td>See attachment C. O.</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>252:515-3-36(b)</td>
<td>Information not identified: The DEQ may require the applicant to submit additional data, revise design specifications or propose environmental safeguards as necessary to meet DEQ rules for the protection of human health and the environment.</td>
<td>yes</td>
<td>See attachment O.</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>252:5115-3-36(c)</td>
<td>Permit modification applications: An applicant requesting a modification to an existing permit shall submit information identified in this Part relating to the proposed modification.</td>
<td>n/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>252:515-3-37</td>
<td>Aesthetic enhancement: Applications for new permits or expansions of an existing permit boundary, shall include plans to enhance the visual harmony of the new disposal facility or the expansion area with the surrounding area, and reduce the transmission of dust and noise from the facility. Such plans may include placement of berms, fences, shrubbery, trees, or other such materials to achieve desired result.</td>
<td>yes</td>
<td>See attachment O.</td>
<td></td>
</tr>
<tr>
<td>MAPS &amp; DRAWINGS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>----------------</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td></td>
<td></td>
</tr>
<tr>
<td>23 252:515-3-51(a)</td>
<td>Applicability: The maps and designs identified in this Part shall be submitted with the permit applications for: (1) all new solid waste disposal facilities; (2) expansions of permit boundaries of existing solid waste disposal facilities; (3) expansions of waste handling or disposal boundaries of existing solid waste disposal facilities; and (4) any other modification to an existing permit where the data originally submitted would be made ambiguous, inaccurate, or out of data by the proposed modification.</td>
<td>yes</td>
<td>See attachment G.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>24 252:515-3-51(c)</td>
<td>Ineligible: the permit application will be considered administratively incomplete if any maps or drawings submitted are not legible.</td>
<td>yes</td>
<td>ok</td>
<td></td>
<td></td>
</tr>
<tr>
<td>25 252:515-3-51(d)</td>
<td>Map sequence: All maps and designs shall be submitted in the permit application in the sequence identified.</td>
<td>yes</td>
<td>ok</td>
<td></td>
<td></td>
</tr>
<tr>
<td>26 252:515-3-51(e)</td>
<td>Map scale: Unless otherwise identified, all maps submitted as part of a permit application shall be prepared at a scale of one inch equals one hundred feet (1&quot; = 100'). An alternative scale may be used with approval of the DEQ.</td>
<td>yes</td>
<td>Map scale will be smaller</td>
<td></td>
<td></td>
</tr>
<tr>
<td>27 252:515-3-51(f)</td>
<td>Map details: (1) All maps shall show as a minimum, legend, title, north arrow, permit boundary, buffer zone, and boundaries of waste disposal or processing areas. (2) If applicable, the locations of groundwater monitoring wells, and gas monitoring probes shall be identified.</td>
<td>yes</td>
<td>See attachment D, J, S, G, P, T, H, Q, F.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>28 252:515-3-52</td>
<td>General location map: The permit application shall include a county highway map published by the Oklahoma Department of Transportation showing the facility location and any airports within six miles of the facility. If the facility is located within a municipality and a municipal map with better information is available, then it may be used.</td>
<td>yes</td>
<td>See attachment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>29 252:515-3-53</td>
<td>Flood plain map: The permit application shall include a flood plain map from one of the following sources depicting the limits and elevations of any 100-year flood plain on or within one mile of the permit boundary of the proposed facility or expansion area: (1) Flood Insurance Rate maps published by the Federal Emergency Management Agency, or maps prepared by the U.S. Army Corps of Engineers, Flood Plain Management services; (2) Maps of Flood Prone Areas published by the U.S. Geological Survey; or (3) site specific determinations by the U.S. Army Corps of Engineers at the request of the applicant.</td>
<td>yes</td>
<td>See attachment J</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Page</td>
<td>Code</td>
<td>Description</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>------</td>
<td>------</td>
<td>-------------</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| 30   | 252:515-3-54(a) & (b) | Quadrangle topographic map: 
(a) Required map: The permit application shall include an original U.S. Geological Survey 7.5 minute series topographic quadrangle map. 
(1) If 7.5 minute series maps have not been printed, then 15 minute series may be used. 
(2) If the disposal facility is located on the edge of a quadrangle, then adjoining maps shall be provided. 
(b) Required details: The quadrangle topographic map shall clearly depict: 
(1) the location of the facility permit boundaries; 
(2) access routes within one mile of the facility; 
(3) homes and buildings within one mile of the facility; 
(4) public water and wastewater collection, treatment, and distribution facilities within one mile of the facility; 
(5) receiving waters and surface variations within one mile of the facility; and 
(6) water wells, including private and municipal, potable and irrigation water within one mile of the facility. |
| 31   | 252:515-3-55(a), (b) & (c) | Existing contour map: 
(a) Required map: The permit application shall include a constructed map showing the topographic contours prior to any operations at the facility. 
(b) Contour intervals: The contour interval on the map shall not be greater than two feet. 
(c) Required details: The existing contour map shall show the location and quantities of surface drainage entering and exiting the facility, and the locations of all boreholes with their surface elevations. |
| 32   | 252:515-3-56(a) & (b) | Site map: 
(a) Required map: The permit application shall include a site map, which may be the existing contour map. 
(b) Required details: The site map shall show the following, as applicable to the facility: 
(1) the dimensions of the permit boundary as indicated by the legal description; 
(2) the receiving processing, storage or disposal areas; 
(3) buffer zones; 
(4) the locations and surface elevations of each borehole, monitor well, test well, monitoring site, test pit, sampling site and permanent benchmarks; 
(5) the surface and top casing elevations for each monitoring well or gas probe; 
(6) the surface drainage, including location of diversion ditches, dikes, dams, pits, ponds, lagoons, berms, terraces, and other relevant information; 
(7) the location of fencing and gates, utility lines, pipelines, and easements; 
(8) the access roads into and on the site; 
(9) employee and equipment shelters; and 
(10) on- and off-site soil borrow areas. |
<table>
<thead>
<tr>
<th></th>
<th>252:515-3-57</th>
<th>Design drawings: The permit application shall include, as necessary, design drawings and specifications for: (1) receiving, processing, storage or disposal areas; (2) liner construction; (3) Leachate collection systems; (4) typical well installation; (5) dike sections; (6) drainage channels; (7) groundwater monitoring wells, gas monitoring probes, and piezometers; (8) retention structures or other groundwater and surface water protection measures; and (9) any other design drawings or specifications necessary to describe the proposed activities for the facility.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>See attachment G.</td>
</tr>
</tbody>
</table>

**LOCATION RESTRICTIONS**

<table>
<thead>
<tr>
<th></th>
<th>252:515-5-31 (a)</th>
<th>Scenic Rivers: Not to be located within the drainage basin of any river designated under Oklahoma Scenic Rivers Commission (OSRC) Act unless statement is obtained from OSRC or Oklahoma Tourism &amp; Recreation Department.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Yes See attachment H.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>252:515-5-31 (b)</th>
<th>Recreation/Preservation Area: Not to be located within one-half (1/2) mile of area dedicated &amp; managed for public recreation or natural preservation by any governmental agency. Exceptions granted if application includes statement from appropriate agency that proposed site not expected to adversely affect recreation or natural area.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Yes See attachment O.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>252:515-5-31 (c)</th>
<th>Endangered &amp; Threatened Species: Statement required from Oklahoma Department of Wildlife Conservation (ODWC) and Oklahoma Biological Survey (OBS) concerning endangered or threatened wildlife or plant species within one (1) mile of proposed site. If exist, impact statement required.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Yes See attachment L.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>252:515-5-32(a)</th>
<th>100-year flood: Solid waste disposal facility should not be located in the 100-year flood plain. Variance available for transfer station with requirement that no waste retained during non-operating hours.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Yes See attachment J.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>252:515-5-32(b)</th>
<th>Public water supply:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Yes See attachment E.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>252:515-5-32(c)</th>
<th>Wellhead protection area</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Yes See attachment O.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>252:515-5-32(d)</th>
<th>Wetlands: Not to be located in wetlands. Letter required from Oklahoma Conservation Commission (OCC) stating proposed site not located in wetlands.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Yes See attachment M.</td>
</tr>
<tr>
<td>WASTE MANAGEMENT</td>
<td>41</td>
<td>252:515-13-51</td>
</tr>
<tr>
<td>------------------</td>
<td>----</td>
<td>---------------</td>
</tr>
<tr>
<td></td>
<td>42</td>
<td>252:515-17-3</td>
</tr>
<tr>
<td></td>
<td>43</td>
<td>252:515-5-52(a)</td>
</tr>
<tr>
<td></td>
<td>44</td>
<td>252:515-19-31(a), (b), (c ), &amp; (d)</td>
</tr>
<tr>
<td></td>
<td>45</td>
<td>252:515-19-32</td>
</tr>
<tr>
<td></td>
<td>46</td>
<td>252:515-19-33(c )</td>
</tr>
<tr>
<td></td>
<td>47</td>
<td>252:515-19-35(a) &amp; (b)</td>
</tr>
<tr>
<td></td>
<td>48</td>
<td>252:515-19-36(a), (b) &amp; (c )</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Disease Vector Control: On-site populations of disease vectors shall be controlled using techniques appropriate for the protection of human health and the environment.</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>49</td>
<td>252:515-19-37(b)</td>
<td>yes</td>
</tr>
<tr>
<td>50</td>
<td>252:515-19-38(b) &amp; (c)</td>
<td>yes</td>
</tr>
<tr>
<td>51</td>
<td>252:515-19-39(a)</td>
<td>yes</td>
</tr>
<tr>
<td>52</td>
<td>252:515-19-40(a)</td>
<td>yes</td>
</tr>
<tr>
<td>53</td>
<td>252:515-19-91(a)</td>
<td>yes</td>
</tr>
<tr>
<td>54</td>
<td>252:515-19-92</td>
<td>yes</td>
</tr>
<tr>
<td>55</td>
<td>252:515-19-93</td>
<td>yes</td>
</tr>
</tbody>
</table>

**CLOSURE AND POST CLOSURE CARE**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th>Closure plan required: A closure plan shall be submitted to the DEQ for approval describing how compliance with the requirements of Part 3 of this Subchapter will be achieved.</th>
</tr>
</thead>
<tbody>
<tr>
<td>56</td>
<td>252:515-25-2(a)</td>
<td>yes</td>
</tr>
<tr>
<td>57</td>
<td>252:515-25-2(b)</td>
<td>yes</td>
</tr>
<tr>
<td>58</td>
<td>252:515-25-2(c)</td>
<td>yes</td>
</tr>
</tbody>
</table>

Plan amendments: An amended closure or post-closure plan shall be submitted to the DEQ for approval: (1) when a cost estimate adjustment is required; or (2) with each application for a modification of the permit when such modification will affect closure or post-closure duties or requirements.
<table>
<thead>
<tr>
<th>Page</th>
<th>Section</th>
<th>Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>59</td>
<td>252:515-25-3(a) &amp; (b)</td>
<td>Records retention: (a) Final closure: Copies of all closure documentation shall be maintained on fill at the site or at the owner/operator's place of business until the DEQ approves the completion of final closure. (b) Post-closure: If post-closure monitoring is required, final closure documentation shall be maintained through the post-closure monitoring period.</td>
</tr>
<tr>
<td>60</td>
<td>252:515-25-4</td>
<td>Corrective Action: If at any time during closure activities or post-closure monitoring, inspection of the facility and/or review of monitoring data indicates an actual release of contaminants into the environment, the DEQ may require corrective action to eliminate or mitigate such a release.</td>
</tr>
<tr>
<td>61</td>
<td>252:515-25-31</td>
<td>Performance standard: The facility shall be closed in accordance with the approved closure plan and in a manner that minimizes the need for further maintenance and controls and minimizes post-closure escape of waste and waste constituents into the environment.</td>
</tr>
<tr>
<td>62</td>
<td>252:515-25-32(a)</td>
<td>Contents of closure plan: (a) The closure plan for all disposal facilities shall include the following as a minimum: (1) identification of site-specific closure activities, a description of how each is expected to be performed, and a schedule for completing all activities; (2) calculation of closure cost estimates in accordance with Subchapter 27 of this Chapter, unless the facility is a transfer station, processing facility or composting facility that principally manages municipal solid waste, or is a yard waste composting facility; (3) an estimate of the maximum inventory of waste ever on-site over the active life of the facility; (4) detailed plans for (A) identifying and removing from the site, all equipment, temporary buildings and other improvements not designated as permanent in the permit application; (B) reworking or replacing defective groundwater monitor wells, gas wells, and other defective monitoring equipment, if any; (C) monitoring ground and surface water, if required; (D) collecting and analyzing soil and water samples; (E) disposing of final wastes and affected soils; (F) decontamination of facility structures, if necessary; (G) maintaining site security and access control, if post-closure monitoring is required; (H) redesigning final closure in accordance with existing site conditions and applicable rules; (I) preparing final closure certification and other required documents and notices; and (J) performing any other tasks necessary to achieve final closure of the site.</td>
</tr>
<tr>
<td>Page</td>
<td>Code</td>
<td>Description</td>
</tr>
<tr>
<td>------</td>
<td>------</td>
<td>-------------</td>
</tr>
<tr>
<td>63</td>
<td>252:515-25-33(a)</td>
<td>DEQ notification: The DEQ shall be notified in writing prior to beginning final closure of the facility.</td>
</tr>
<tr>
<td>64</td>
<td>252:515-25-33(b)</td>
<td>Beginning closure activities: closure activities shall begin no later than 90 days after final receipt of wastes at the facility or final receipt of wastes into a disposal cell, as applicable.</td>
</tr>
<tr>
<td>65</td>
<td>252:515-25-33(c)</td>
<td>Completing closure activities: (1) 180 days: closure activities shall be completed according to the approved closure plan within 180 days after closure activities are initiated. (2) Extensions allowed: extensions of the closure period may be granted by the DEQ if the owner/operator demonstrates that closure will, of necessity, take longer than 180 days and that all steps have been taken, and will continue to be taken, to prevent threats to human health or the environment from the unclosed cell or facility.</td>
</tr>
<tr>
<td>66</td>
<td>252:515-25-34(a) &amp; (c)</td>
<td>Certification of final closure</td>
</tr>
<tr>
<td>67</td>
<td>252:515-25-35(a)&amp;(b)</td>
<td>Final closure approval and extension periods</td>
</tr>
<tr>
<td>69</td>
<td>252:515-25-52(a) &amp; (b)</td>
<td>Extension of Post closure period</td>
</tr>
<tr>
<td>70</td>
<td>252:515-25-53</td>
<td>Contents of post-closure plan, if applicable.</td>
</tr>
<tr>
<td>71</td>
<td>252:515-25-54</td>
<td>Post-closure operational requirements, if applicable.</td>
</tr>
<tr>
<td>72</td>
<td>252:515-25-55</td>
<td>Post-closure use of the property: (a) Maintain integrity (b) DEQ approval</td>
</tr>
<tr>
<td>73</td>
<td>252:515-25-56</td>
<td>Certification of post-closure performance</td>
</tr>
<tr>
<td>74</td>
<td>252:515-27-2</td>
<td>Effective date of Financial assurance: (a) Closure and post-closure care: DEQ approved financial assurance for closure and post-closure care must be established prior to the initial receipt of waste or April 9, 1997, whichever is later. (b) Corrective action: DEQ approved financial assurance for corrective action must be established no later than 120 days after the corrective action remedy has been selected in accordance with Part 13 of OAC 252:515-9, or an alternative corrective action plan has been approved.</td>
</tr>
<tr>
<td>75</td>
<td>252:515-27-3</td>
<td>Duty to maintain financial assurance</td>
</tr>
<tr>
<td>76</td>
<td>252:515-27-5</td>
<td>Permit transfer with change of owner or operator</td>
</tr>
<tr>
<td>77</td>
<td>252:515-27-6</td>
<td>Effect of non-renewal of, or failure to maintain or provide, financial assurance</td>
</tr>
<tr>
<td>78</td>
<td>252:515-27-7</td>
<td>Substitute financial assurance s</td>
</tr>
<tr>
<td>79</td>
<td>252:515-27-31 thru 33</td>
<td>Cost estimates, detailed, for Closure and post-closure</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>81</td>
<td>252.515-27-73 thru 252.515-27-85</td>
<td></td>
</tr>
</tbody>
</table>

**Waste Exclusion Plan**

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>82</td>
<td>252.515-29-2</td>
<td>Waste exclusion plan required</td>
<td></td>
</tr>
<tr>
<td>83</td>
<td>252.515-29-3(a)</td>
<td>Random inspections</td>
<td></td>
</tr>
<tr>
<td>84</td>
<td>252.515-29-3(b)</td>
<td>Inspection records</td>
<td></td>
</tr>
<tr>
<td>85</td>
<td>252.515-29-3(c)</td>
<td>Personnel training</td>
<td></td>
</tr>
<tr>
<td>86</td>
<td>252.515-29-3(d)</td>
<td>Trained personnel on-site</td>
<td></td>
</tr>
<tr>
<td>87</td>
<td>252.515-29-3(e)</td>
<td>Notification of rejected waste</td>
<td></td>
</tr>
<tr>
<td>88</td>
<td>252.515-29-3(f)</td>
<td>Safe storage of prohibited wastes</td>
<td></td>
</tr>
<tr>
<td>89</td>
<td>252.515-29-3(g)</td>
<td>Proper disposal of prohibited wastes</td>
<td></td>
</tr>
<tr>
<td>90</td>
<td>252.515-29-3(h)</td>
<td>Verification of disposal of prohibited wastes</td>
<td></td>
</tr>
<tr>
<td>91</td>
<td>252.515-29-4</td>
<td>Maintain records</td>
<td></td>
</tr>
</tbody>
</table>

See attachment 0.
December 16, 2019
Hillary Young, P.E.
Chief Engineer
Land Protection Division
Department of Environmental Quality
PO Box 1677, 707 N. Robinson
Oklahoma City, OK 73101-1677

RE: Oklahoma Green to Gold Recycling LLC
Recycling/Composting Facility Permit

To Whom it May Concern

Enclosed is application for recycling and composting of solid waste located in Meeker, Pottawatomie County, Oklahoma. This application will describe the recyclables, the composting process, facility location, and finish product. I have reviewed and approve this application to be in accordance with OAC 252:515 management of solid waste regulations.

If you require any further information, please do not hesitate to contact me at your earliest convenience.

Sincerely,

P. Doug Harvell, P.E.
December 16, 2019
Hillary Young, P.E.
Chief Engineer
Land Protection Division
Department of Environmental Quality
PO Box 1677, 707 N. Robinson
Oklahoma City, OK 73101-1677

RE: Oklahoma Green to Gold Recycling LLC
Recycling/Composting Facility Permit

To Whom it May Concern

Enclosed is application for recycling and composting of solid waste located in Meeker, Pottawatomie County, Oklahoma. This application will describe the recyclables, the composting process, facility location, and finish product. I have reviewed and approve this application to be in accordance with OAC 252:515 management of solid waste regulations.

If you require any further information, please do not hesitate to contact me at your earliest convenience.

Sincerely,

P. Doug Harvell, P.E.

[Signature]

HarChem Engineering Company
Attn: Wanda Armer  
Green to Gold Recycling LLC  
43470 Moccasin Trail Rd.  
Meeker, OK 74855

RE: Phase 1 Environmental Site Assessment Report  
43470 Moccasin Trail Rd.  
Meeker, OK 74855

12/12/19

Dear Mr. Shawn Cowen

HarChem Water Services has performed a Phase 1 Environmental Site Assessment (ESA) of the subject site referenced above. This Phase 1 ESA was performed in substantial compliance with ASTM Standard Practice E 1527-13.

We urge you to read the report in its entirety and to contact me with any questions or concerns you may have about the report. Our findings and conclusions are discussed in Sections 6.0 and 7.0. While the format of this report covers formal guidelines, the important information are sections 6.0 & 7.0. I would be happy to clarify any areas, as needed.

We appreciate the opportunity to provide assistance to you, and we hope to be able to assist you with your future environmental needs.

Sincerely,

[Signature]

HarChem Water Services

1/16/2020
DISTRIBUTION OF REPORT

Distributed Copies of the Report

Green to Gold Recycling LLC
43470 Moccasin Trail Rd.
Meeker, OK 74855

HarChem Water Services
1955 S. Caddo
Muldrow, Ok 74948
Legal Descriptions

“The East half of east half of the Southern Quarter of the Southwest Quarter (E/2 E/2 SE/4) in Section Nine (9) Township Eleven (11) North, Range Four (4) East of the Indian Meridian Pottawatomie County, Oklahoma

1.0 Introduction

This report is an instrument of service of HarChem Water Services. The report presents the results of a Phase I Environmental Site Assessment (ESA) of the 10 acres of Land Tract to be known as The East half of east half of the Southern Quarter of the Southwest Quarter (E/2 E/2 SE/4) in Section Nine (9) Township Eleven (11) North, Range Four (4) East of the Meridian” defined by the File No. 710101904459. Services performed included limited research, a review of specified listings, and a site reconnaissance.

A Phase I ESA is conducted to permit formulation of an opinion as to the potential for hazardous materials to exist at a site at levels likely to warrant mitigation pursuant to regulations of the Oklahoma Department of Environmental Quality (ODEQ). Opinions relative to the hazardous materials potential given in this report are based upon information derived from the site reconnaissance on (12/19/19), in addition to other activities described herein.

In essence, a Phase I ESA is a service whose basic elements are determined by the standard of care prevailing at the time the service was rendered in the area. Because standards of care can be identified only through retrospective inquiry, HarChem Water Services has assumed that the standard of care is articulated by ASTM Standard E 1527. HarChem’s methodology for conducting a Phase I ESA includes investigating for indications of recognized environmental conditions (REC’s) defined as:

The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substance or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. (ASTM E 1527-00:3.3.31)
TABLE OF CONTENTS

1.0 INTRODUCTION .................................................................................................................. 4
2.0 SITE DESCRIPTION .............................................................................................................. 5-6
3.0 USER-PROVIDED INFORMATION ....................................................................................... 7
4.0 RECORDS REVIEW ............................................................................................................. 7
5.0 SITE RECONNAISSANCE ................................................................................................... 10
6.0 FINDINGS .......................................................................................................................... 12
7.0 CONCLUSIONS .................................................................................................................. 12
8.0 STANDARD LIMITATIONS AND EXCEPTIONS OF ASSESSMENT .................................. 12
9.0 RE-USE OF DOCUMENT .................................................................................................. 13
10.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS ......................................... 13

APPENDICES .......................................................................................................................... 13-21

PHOTOGRAPHS
1.1 Scope of the Assessment

The scope of the assessment for this project included the following:

- Review of selected geologic and hydrogeological information, including soil survey maps, geologic maps, and well construction reports.
- Review of records on file at various public agencies to assess whether environmental problems have been associated with the site and/or its surroundings.
- Review of aerial photographs, where available, to assess historical activity at the site and its surroundings.
- A site reconnaissance to attempt to visually identify areas of existing and/or potential sources of contamination on the site.

1.2 Limitations, Exceptions, or Additions to Assessment

HarChem Water Services has made no inquiry regarding the following specific items:

- Fluorescent light ballasts with potential to contain PCBs
- Asbestos-containing materials
- Radon • Wetlands
- Regulatory compliance • Cultural and historic resources
- Industrial hygiene • Health and safety
- Ecological resources • Endangered species
- Indoor air quality • High-voltage power lines

The ASTM Standard describes these as “Non-Scope Considerations”, outside the scope of the normal Phase I ESA practice. In addition, this report does not contain any inquiry into so-called “toxic molds”, which are also outside the normal scope of the Phase I ESA.

1.3 Limiting Conditions

A limiting condition for this above-mentioned property include concrete landing with gravel driveway. No recent paving is noted.
2.0 Site Description

2.1 Location and Legal Description
The subject property is located outside Meeker city limits, Pottawatomie County, Oklahoma. Figure 1 and 2, included in Appendix A, which show the site location as seen by aerial image.

The legal description for the subject property is as follows:

A part of the of Section 9-T11N-R4E, Of Pottawatomie County

The East half of the East Half of the Southern Quarter (E/2 E/2 SE/4) in Section Nine (9)

2.2 Site and Vicinity General Characteristics
The subject property is approximately 10.05 acres of open pasture. The property resides in a zone which has less than 0.2% chance of annual flooding. The property resides along a developed highway area;

2.3 Current Use of the Property
Open field with no structures on it.

2.4 Current Uses of the Adjoining Properties
To the North: Residential area
To the East: Residential area
To the South: Highway
To the West: Wooded Area

3.0 User Provided Records

3.1 Title Records
Our client, Green to Gold Recycling LLC has not provided substantial additional information concerning the subject property title history which was available from historical sources.
3.2 Environmental Liens or Activity and Use Limitations

There are no known fines, liens or use limitations found in a database search for Town of Meeker, Ok.

To the best of HarChem’s knowledge, based on information provided by our client, there are no environmental liens or activity and use limitations in effect or applicable to the subject property.

3.3 Specialized Knowledge

Our client was not able to provide any specialized environmental knowledge concerning the subject property.

3.4 Valuation Reduction for Environmental Issues

HarChem has not been made aware by our client.

3.5 Owner, Property Manager, and/or Occupant Information

Neither the owner, property manager, nor occupant of the subject property provided any supplementary information records with respect to environmental conditions at the site.

4.0 Records Review

4.1 Standard Environmental Record Sources – Environmental Risk Information

4.1.1 National Priorities List (NPL)

The National Priorities List (NPL) is the U.S. Environmental Protection Agency’s (EPA’s) list of the most seriously uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under Superfund. The list, which is a subset of the CERCLIS list (discussed in the next section), is based primarily on the score a site receives from the EPA’s Hazard Ranking System. The EPA is required to update the NPL at least once per year. Due to the amount of public attention focused on NPL sites, they pose a significant risk of stigmatizing surrounding properties and potentially impacting property values. NPL sites are classified as Final, Proposed, or Deleted.

NPL Site Description (Search Radius = 20.00 mile): Distance (mi.) Direction

None.

4.1.2 Comprehensive Environmental Response, Compensation and Liability Information
System (CERCLIS) (SEMS)

CERCLIS is the EPA’s list of potential Superfund sites currently or previously investigated for release or threatened release of hazardous waste materials. CERCLIS sites are classified as Final (in which case they are on the NPL), Not Proposed (not yet on the NPL), or NFRA (No Further Remedial Action planned). NFRA sites (also known as the CERCLIS Archive), are sites which have been delisted from CERCLIS because an investigation has been performed, and there was found to be a lack of significant contamination. Some CERCLIS sites could well pose a stigma to neighboring properties, thus impacting property values.

**CERCLIS Site Description** (Search Radius = 20.0 mile): Distance (mi.) Direction

None.

4.1.3 Resource Conservation and Recovery Information System (RCRIS)

This is the EPA’s list of all registered hazardous waste generators. Resource Conservation and Recovery Information System (RCRA) sites are those which have filed notification forms with the EPA in accordance with RCRA requirements.

None

No Further Remedial Action Planned (NFRAP) sites are those where a release of a toxic substance has occurred; but the sites have been at least preliminarily investigated and remediated, and have not been placed on the NPL or CERCLIS lists.

**NFRAP Site Description** (Search Radius = 10 mile): Distance (mi.) Direction

None.

Treatment, Storage, & Disposal (TSD) sites are those which treat, store, dispose, or incinerate hazardous waste.

**TSD Site Description** (Search Radius = 10.0 mile): Distance (mi.) Direction

None.

Corrective Action Sites (COR) are RCRIS sites with reported corrective action.

**COR Site Description** (Search Radius = 10.00 mile): Distance (mi.) Direction

None.

**RCRIS Generators** (GEN) generate hazardous waste and are classified as LGN (large quantity generators), SGN (small quantity generators), and VGN (very small quantity generators).

**GEN Site Description** (Search Radius = 10.00 mile): Distance (mi.) Direction

None.
4.1.4 Emergency Response Notification System (ERNS)

The Emergency Response Notification System (ERNS) is a national computer database system that is used to store information on the sudden and/or accidental release of hazardous substances and petroleum into the environment. The system stores data regarding the site of the spill, the material released, and the medium into which it occurred.

**ERNS Site Description** (Search Radius = 10.0 mile): Distance (mi.) Direction

None.

4.1.5 State Sites (Hazwaste) –

This list provides information on known sites or facilities which are listed on the State of Oklahoma RCRA Notifiers Listing. Although listed within a 15.0-mile radius, the facilities do not present a substantial danger to the public health, welfare, or the environment in the State of Oklahoma.

**State Sites RCRS Notifiers List, Site Description** (Search Radius = 3.0 mile): Distance (2.0mi.) Direction

None

4.1.6 Solid Waste Landfills (SWL) – Registry of Waste Disposal Sites

This database provides information on waste disposal sites in the state of Oklahoma. It is released on an infrequent basis by the ODEQ.

None

4.1.7 Leaking Underground Storage Tank List (LUST)

This database provides information referring to underground storage tanks with reported releases into the environment.

**LUST Site** Description (Search Radius = 0.50 mile): Distance (1 mi.) Direction

None.

4.1.8 Registered Underground/Aboveground Storage Tank List (REG UST/AST)

The UST/AST List provides the location of registered underground/aboveground storage tanks.

**REG UST/AST Site** Description (Search Radius = 0.25 mile): Distance (1mi.) Direction

None Registered.
4.3 Standard Historical Use Information on the Subject Property and Adjoining Properties

4.3.1 Topographic Maps

The U.S. Geological Survey (USGS) 7.5-minute topographic map of the quadrangle was reviewed to provide information about the topography of the site and previous development of the site and site vicinity. Examination of the topographic map suggests that minimal changes have been made to the site.

4.3.2 Historical Aerial Photographs

Historical aerial photos are often available for reviewing historic land use changes of a site. Depending on the scale of the aerial photo, film type, and altitude from which the photo was taken, details on land use, site and building changes, surface drainage, storage activities, and construction activities may be ascertainable. For this site, 4 photos were located at Google Earth and ESRI; Attached in Appendix A.

None of the photographs showed any obvious signs of large-scale soil staining, unexplained soil disturbances, areas with identifiable debris or other signs of the dumping of solid or hazardous waste, or any other sign of an environmental condition which could be visible from an aerial photograph.

4.4 Regional Geologic and Hydro geologic Setting

Based on a general soil map of Sequoyah County, Oklahoma, from the National Cooperative Soil Survey for the researched property follows below: Stigler silt loam 100%, 1 to 3 % slopes

5.0 Site Reconnaissance

HarChem visited the subject property on December 19, 2019 for the purpose of viewing the site for signs of the presence of underground storage tanks, hazardous waste activity, non-hazardous waste activity (dumping), and any other indications of potential environmental liabilities. The reconnaissance included a walk-around of the perimeter and a visual inspection of the exterior property, including a check of adjacent land uses. HarChem was unaccompanied during the reconnaissance visit.

5.1 Methodology and Limiting Conditions

HarChem personnel walked the perimeter of the property and observed conditions both on the subject property and on adjacent properties. Following this, HarChem walked a sufficient number of traverses through the subject property area to examine all portions of the property. HarChem also methodically examined the adjacent property to the site.

Photographs of the site were taken during the reconnaissance; selected annotated photographs are included in Appendix C of this report.
There were no limiting conditions encountered during the site reconnaissance.

5.2 General Site Setting

The property includes Large metal framed building and gravel parking lot.

5.3 Hazardous Materials and Hazardous Waste Management

• Presence or Use of Hazardous Materials
  None

• Generation, Handling, Storage, Treatment of Hazardous Wastes
  None

5.4 Regulatory Agency Contacts

• Spill/Release History
  None applicable.

• Agency Contacted
  None applicable.

• Notice of Noncompliance
  None applicable.

• Notice of Violation
  None applicable.

• Compliance History
  None applicable

• Agency Contact for Other Reasons
  None applicable.

6.0 Findings

The goal of a Phase 1 Environmental Assessment is to pursue the obvious indicators which exhibit compromise to the environment. After a thorough reconnaissance visit and data search, there are no indications present to support the viewpoints that soil sampling is warranted.

7.0 Conclusions

HarChem has performed a Phase 1 Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527 of the land tract, Located at 43470 Mocassin Trail Meeker, OK. Any exceptions to, or deletions from, this practice are described in Section 1.2 of this report.
8.0 Standard Limitations and Exceptions of Assessment

HarChem has endeavored to meet what it believes is the applicable standard of care and, in so doing, is obliged to advise Oklahoma Green to Gold Recycling LLC. of the limitations of this Phase I ESA:

The ESA did not include any inquiry with respect to asbestos, radon, lead paint, wetlands, methane, lead in drinking water, or fluorescent light ballasts with potential to contain PCBs. In addition, a formal chain-of-title search was not included within the scope of services, as historical use information was available from other sources.

The findings and opinions conveyed via this ESA report are based on information obtained from a variety of sources enumerated herein, and which HarChem believes are reliable. Nonetheless, HarChem cannot and does not guarantee the authenticity or reliability of the information it has relied upon.

This report is not a comprehensive site characterization and should not be construed as such. The opinions presented in this report are based on findings derived from a site reconnaissance, a review of specified regulatory records and historical sources, and comments made by interviewees.

The conditions observed by HarChem are subject to change, and certain indicators of the presence of hazardous materials may have been latent at the time of the most recent site reconnaissance and may subsequently have become observable. In a similar manner, the research effort conducted for a Phase I ESA is limited. Accordingly, it is possible that HarChem research, while fully appropriate for a Phase I ESA, failed to indicate the existence of important information sources. Assuming such sources actually exist, their information could not have been considered in the formulation of HarChem’s findings and opinions.

9.0 Re-Use of Document

This document has been developed for a specific application and not for general use; therefore, it may not be re-used without the written approval of HarChem. Unapproved use is the sole responsibility of the unauthorized user. This report was prepared for Green to Gold Recycling LLC.

10.0 Qualifications of Environmental Professionals

The project is overseen by P. Douglas Harvell. Mr. Harvell is a Professional Engineer, certified in the state of Oklahoma (#11025). P. Doug Harvell is the Owner and President of HarChem Water Services as well as Neel. Harvell & Associates. He holds degrees from the University of Arkansas and North Eastern Oklahoma University. He is a member of the Oklahoma Society for Professional Engineers.

Appendix A: Aerial Photos, qty 1
Appendix B: Map
Appendix C: Pictures of site qty 2
Appendix D: Pottawatomie County Soil Map
Appendix E: Run-off water
Appendix F: Permit Boundary
Appendix A

Figure 1: Map of Meeker, Ok, above
Appendix D: Pottawatomie County Soil Map
# Pottawatomie County Soil map legend

## Map Unit Legend

<table>
<thead>
<tr>
<th>Map Unit Symbol</th>
<th>Map Unit Name</th>
<th>Acres in AOI</th>
<th>Percent of AOI</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Asher silty clay loam, 0 to 1 percent slopes, rarely flooded</td>
<td>4,465.5</td>
<td>0.9%</td>
</tr>
<tr>
<td>2</td>
<td>Aydelleloam, 3 to 5 percent slopes</td>
<td>11,641.3</td>
<td>2.3%</td>
</tr>
<tr>
<td>3</td>
<td>Aydelle clay loam, 3 to 5 percent slopes, severely eroded</td>
<td>18,369.2</td>
<td>3.6%</td>
</tr>
<tr>
<td>4</td>
<td>Burrow pits</td>
<td>238.0</td>
<td>0.0%</td>
</tr>
<tr>
<td>5</td>
<td>Phumah silt loam, 0 to 1 percent slopes</td>
<td>1,268.0</td>
<td>0.2%</td>
</tr>
<tr>
<td>6</td>
<td>Chickasha loam, 1 to 3 percent slopes</td>
<td>2,631.1</td>
<td>0.5%</td>
</tr>
<tr>
<td>7</td>
<td>Chickasha loam, 3 to 5 percent slopes</td>
<td>8,970.8</td>
<td>1.8%</td>
</tr>
<tr>
<td>8</td>
<td>Chickasha and Zanis soils and Gullied land, 1 to 8 percent slopes, severely eroded</td>
<td>16,842.2</td>
<td>3.3%</td>
</tr>
<tr>
<td>9</td>
<td>Chigley-Weeroka complex, 3 to 12 percent slopes</td>
<td>4,965.9</td>
<td>1.0%</td>
</tr>
<tr>
<td>10</td>
<td>Dougherty loamy fine sand, 0 to 3 percent slopes</td>
<td>819.0</td>
<td>0.2%</td>
</tr>
<tr>
<td>11</td>
<td>Dougherty loamy fine sand, 3 to 8 percent slopes</td>
<td>2,342.8</td>
<td>0.5%</td>
</tr>
<tr>
<td>12</td>
<td>Eufaula fine sand, 0 to 3 percent slopes</td>
<td>2,568.3</td>
<td>0.5%</td>
</tr>
<tr>
<td>13</td>
<td>Eufaula fine sand, 3 to 6 percent slopes</td>
<td>8,854.1</td>
<td>1.8%</td>
</tr>
<tr>
<td>14</td>
<td>Amber very fine sandy loam, 5 to 15 percent slopes, rarely flooded</td>
<td>1,367.7</td>
<td>0.3%</td>
</tr>
<tr>
<td>16</td>
<td>Galley fine sandy loam, 1 to 3 percent slopes</td>
<td>1,624.8</td>
<td>0.4%</td>
</tr>
<tr>
<td>17</td>
<td>Gracemont fine sandy loam, 0 to 1 percent slopes, frequently flooded</td>
<td>3,963.8</td>
<td>0.8%</td>
</tr>
<tr>
<td>18</td>
<td>Gracemont fine sand, 0 to 1 percent slopes, frequently flooded</td>
<td>4,157.4</td>
<td>0.8%</td>
</tr>
<tr>
<td>19</td>
<td>Girard pits</td>
<td>771.3</td>
<td>0.2%</td>
</tr>
<tr>
<td>20</td>
<td>Harper clay, 0 to 1 percent slopes, frequently flooded</td>
<td>3,264.5</td>
<td>0.6%</td>
</tr>
<tr>
<td>21</td>
<td>Kickapoo silt loam, 0 to 1 percent slopes, rarely flooded</td>
<td>10,221.1</td>
<td>2.0%</td>
</tr>
</tbody>
</table>
DISCLOSURE STATEMENT FORM

INFORMATION AND INSTRUCTIONS: The Solid Waste Management Act requires applicants to provide the Department of Environmental Quality with information about themselves, any officer, director or partner, any person employed by the applicant as general or key manager who directs the operations of the site which is the subject of the application, and any person owning or controlling more than five percent (5%) of the applicant’s debt or equity. By law, the “Disclosure Statement” must be completed by all applicants for the issuance or transfer of any solid waste permit.

If the applicant is a publicly held company, it does not need to submit a disclosure statement, but only need submit the most recent annual (SEC Form 10-K) and quarterly reports (SEC Form 10-Q) required by the Securities and Exchange Commission (SEC), which provide information regarding legal proceedings in which the applicant has been involved. However, the applicant must submit such other information as the Department may require that relates to the competency, reliability, or responsibility of the applicant, officers, directors, or other persons as set out above.

PLEASE PROVIDE THE FOLLOWING INFORMATION: (If additional space is required to answer any of the following questions, please make attachments as needed.)

1. Name of facility: Oklahoma Green to Gold Recycling LLC

2. Applicant's full name and social security number: Wanda Sue Armendariz

3. Applicant's business address: 43470 Moccasin Trail Rd Meeker, OK 74445

4. Applicant's business telephone number: 479-651-3370

5. Applicant's form of business:
   - [ ] publicly-held corporation;
   - [ ] privately-held corporation;
   - [x] partnership or sole proprietorship;
   - [ ] municipality or public agency;
   - [ ] other: ____________________

6. Is Applicant a publicly-held company required to file annual reports with the Securities and Exchange Commission, or a wholly-owned subsidiary of such a company?
   - [ ] yes       [x] no

7. If Applicant answered "yes" to question (6) above, Applicant is required to submit copies of the most recent annual and quarterly reports required by the SEC that provide information regarding legal proceedings in which Applicant has been involved. In addition, list below, the name and business address of any person employed by the Applicant as a general or key manager who directs the operations of the site or facility which is the subject of the application.
(NOTE: If Applicant is required to submit SEC reports under this section, no further reporting is required under the disclosure statement requirement, and Applicant should skip to the "Certification and Oath" section on the last page of this form. Applicant should submit copies of any SEC reports as an attachment to this form to be submitted as part of the permit application. If Applicant answered "no" to question (6) above, Applicant is required to complete all remaining sections of this Form.)

(8) Full name, business address and social security number of all affiliated persons:

NOTE: "Affiliated person" means:
(a) any officer, director, or partner of the applicant;
(b) any person employed by the applicant as a general or key manager who directs the operations of the site or facility which is the subject of the application; and
(c) any person (including corporations, partnerships, etc.) owning or controlling more than five (5) percent of the Applicant's debt or equity):

Kendra Cowan
Gary Barker
Wanda Armer
Shawn Cowan

P.O. Box 1108 Roland OK 74954
512 West Chickasaw Ave
811 Sow OK 74955

P.O. Box 1108 Roland OK 74954
109154 5. 4767 Rd Roland, OK 74954

(9) Full name and address of any legal entity in which the Applicant holds a debt or equity interest of at least 5 percent, or which is a parent company or subsidiary of the Applicant, and a description of the ongoing organizational relationships as they may impact operations within the State:

(10) Description of the experience and credentials of the Applicant and any "affiliated person", including any past or present permits, licenses, certifications, or operational authorizations relating to environmental facility regulation:

Shawn Cowan was part owner of 100% Medical Waste from March to May in 2019.

(11) Listing and explanation of any administrative, civil or criminal legal actions against the Applicant or any affiliated person which resulted in a final agency order or final judgment by a court of record
including any final order or judgment on appeal in the ten (10) years immediately preceding the filing of the application relating to solid or hazardous waste. Such action shall include, without limitations, any permit denial or any sanction imposed by a state regulatory authority or the U.S. Environmental Protection Agency:

(12) Listing of any federal environmental agency and any state environmental agency that has or has had regulatory responsibility over Applicant:

CERTIFICATION AND OATH

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 gather and evaluate the information submitted. Based on 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.

Wanda Armer
(Printed or Typed) Name of Applicant or Agent

Wanda Sue Armer
Signature of Applicant or Agent

Agent
Title

12-9-2019
Date

ACKNOWLEDGMENT

State of Oklahoma )

Sequoyah County ) ss.

Before me, the undersigned, in and for said county and state, on this 9th day of December, 2019, personally appeared Wanda Armer, to me known to be the identical person who executed the within and foregoing instrument, and acknowledged to me that _______ executed the same as _______ free and voluntary act and deed for the uses and purposes therein set forth.

Notary Public

My commission expires: 04/18/21

DisclStmtFORM.doc 12/00
Legal Description for proposed future site of Oklahoma Green to Gold Recycling LLC. 43470 Moccasin Trail Rd. Meeker Oklahoma 74855

Legal Description

“The East Half of the East Half of the Southeast Quarter of the Southwest Quarter (E/2 E/2 SE/4) in Section Nine (9) Township Eleven (11) North, Range Four (4) East of the Meridian.”

DEQ has permission granted to enter the property at any time to do inspections or to preform closure, post closure monitoring, or corrective action in the event of a default by the owner/operator.

[Signature]
Date: 11-15-2019
5. Wanda Armer mailing address 109109 S. 4767 Rd. Roland OK. 74954 Physical address 43470 Moccasin Trail Rd. Meeker Oklahoma 74855. PH# (479)651-0950

6. The Facility will be known as Oklahoma Green to Gold Recycling LLC. Mailing address 109109 S. 4767 Rd. Roland Ok. 74954. Facility is located 43470 Moccasin Trail Rd Meeker Oklahoma 74855. PH# (479)651-0950

7. It is my Oath Wanda Armer that all information submitted is accurate. Wanda Sue Armer

10. The facility is located 2 miles South of Meeker, and 1-1/2 miles East of Shawnee Oklahoma.

11. All cannabis picked up at other facilities will be brought to our facility where it will be weighed and ground up with material such as leaves, grass clippings, straw, waste off of salad bars, newspapers and cardboard inside the building. Extra leaves, grass clippings, and straw will be kept outside the building in sealed containers and brought inside during closing hours until it is needed. Once the material is ground up it will be placed into worm vats for worms to eat. Once the worms have consumed the material the worm castings will be collected into containers to be sold.

12. We anticipate no more than 100 tons a year in process able material from cannabis related business, produce markets, salad bars, retail stores and lawn services. If the weight looks like it is going to exceed that than we will apply for a variance.

13. We are going to try to cover all counties and municipalities of Oklahoma.

14. There is around 8000 cannabis related business in Oklahoma that we would like to manage their waste. The population of Oklahoma is 3,940,521.

15. We will keep gravel on the driveway and parking lot maintained.

16. A forklift may be used to unload trucks and the grinder will be in use during the grinding process.

17. 11. All cannabis picked up at other facilities will be brought to our facility where it will be weighed and ground up with material such as leaves, grass clippings, newspaper, cardboard, waste off of salad bars, and straw inside the building. Extra leaves, grass clippings, and straw will be kept outside the building in sealed containers until it is needed. Once the material is ground up it will be placed into worm vats for worms to eat. Once the worms have consumed the material the worm castings will be collected into containers to be sold.

18. The boundary is not located within a drainage basin of any river designated under the Oklahoma Scenic Rivers Commission Act. There will be no hazardous materials, tires, medical wastes, asbestos, and radioactive material except for medical cannabis at the facility. People will not be allowed inside of the building where the grinding is taking place unless they are invited, except DEQ, and OBN and they are always welcome. All Material brought in will be weighed on certified scales which will be tested and certified annually. Reports will be done monthly for DEQ. We will not except more than 100 tons per year. We are not accepting any outside state waste to come to the facility. All material to be processed will be secured until it is turned into worm food. Only cannabis waste will be collected by our drivers and if we need to pick up any grass, straw, newspapers, cardboard and leaves. All cannabis will be weighed at pick up and placed into a secure van or trailer until it reaches the facility where it will be immediately weighed and ground up with other material and placed into worm vats. If any changes to the plan are made DEQ will be notified within 5 workings days before changes are implemented. We will reject any waste that is not suitable to our working plan. All grass, leaves, and straw will be kept in sealed containers until applied to the worm vats. The door of the facility will be closed during grinding so no dust can leave the building. All records of planning, construction, operation, closing and post closure will be kit at the facility by Wanda Armer. All residue of the facility will be a nonhazardous material. To keep the facility aesthetic easy on the eyes the grass will be cut often and the parking lot will be kept clean. The roof and walls of the
facility should keep all rain water out and the pad of the facility will be elevated above surrounding area so all run off water will flow away from the bldg.

In the case that the facility closes DEQ will be notified and records will be kept on all closing procedures. In the event that the facility closes the facility will contain approximately 26 worm vats, a couple of tables and a grinder. It would take a total of 2 men approximately 100 man hours and 6-30 yard roll off dumpsters to evacuate the entire building from the worm farm business and all stored items in the building, sweep and mop the floor. Calculating man hours at $20.00 per hour and dumpster fees at $450.00 per dumpster that brings a total to $4,700.00 with an overseeing fee of $1,300.00 will bring a total cost to closing the facility and cleaning it to $6,000.00

The facility is not in a 100 year floodplain.

Public water supply is Rural Water.

Additional location restrictions for land disposal facilities NA

Restrictions on location of waste management and disposal areas NA

The Facility will be locked up unless we are there working as to prevent people from just coming in.

All waste will be weighed on scales when picked up and once again when it reaches the facility before it is ground up.

Scales will be tested and certified annually in accordance with Oklahoma Department of Agriculture Food and Forestry.

Reports will be done monthly by the 15th of the month following the reporting of the month.

We will not take in more than 100 tons per year.

We will not accept any out of state waste.

The waste facility will only accept cannabis, grass clippings, Straw, leaves, newspapers, cardboard, and salad bar waste that are suitable for worm food.

Litter control NA

Air criteria NA

Buffer Zone will be 50 feet on the North, South, East and West of processing area.

Operating records will be kept up to date while the facility is operating and stored for up to five years of closing the facility.
Cowan Innovations DBA

OKLAHOMA GREEN TO GOLD RECYCLING LLC.

Working Procedures of the Facility

Oklahoma Green to Gold Recycling L.L.C. is wanting to put a solid waste disposal and worm composting site in at 43470 Moccasin Trail Rd. Meeker Oklahoma. The Facility (Oklahoma Green to Gold Recycling) is trying to obtain a License from OMMA (Oklahoma Medical Marijuana Authority) to be able to pick up waste from growers, processors, and dispensaries. The waste will be brought to the facility where it will be weighed logged into records and then ground up with other solid waste suitable for worms to eat such as leaves, grass clippings, straw, waste from salad bars newspapers and cardboard from retailers. After the material is ground up it will be placed in worm vats for worms to eat. Each vat will have a perforated bottom so that any moisture will drip out. When the moisture drips out it will fall into a gutter system and will be elevated at one end so that gravity will make it flow to the lower end of the gutter. There will be a container placed under the gutters lower end with a funnel on top of the container to capture the moisture. As the containers fill up they will have a cap put on and then be available to be reapplied to the worm vat. The worm vats will have a divider halfway down so that when the worms eat everything on one half and then divider will be removed so that the worms will travel to the other half that has fresh material to be eaten and then the divider will be replaced and the material that they just ate will be put in a vibrating box with a screen at the bottom to separate the worm castings from any uneaten material. Any uneaten material will be placed back in the vat for the worms to eat on it some more. Once the worm castings have been separated from any uneaten material it will be placed into containers to be sold. All cannabis will be ground up as soon as it enters the facility. Cannabis has to be ground up at a ratio of 49% cannabis to 51% ratio to other material. Due to the fact that our supply of cannabis material will probably not be that much I anticipate that we will have to grind up a lot more other material such as grass clippings, leaves, straw, newspapers, cardboard and waste from salad bars so to keep the worms with plenty of food. Feed stock such as grass clippings, leaves, and straw will be kept in sealed containers and put outside only during business hours and brought back in at closing hours. We will have an exterminator on contract to deal with any unwanted pest. All feed stock brought in will be processed by the end of the day. We anticipate no more than 100 tons a year in processable material. Materials such as Hazardous, radioactive, regulated PCB waste, or regulated Medical waste, or Asbestos, or Construction and Demolition waste, and bailed waste will not be accepted into the facility. There will be a 3 yard dumpster supplied by a sanitation company for refuse. The dumpster will be emptied weekly. The facility will have a sign located by the front door that will list operating hours, emergency contact information, facility name, permit number, and facility class.

In the case that the facility closes DEQ will be notified and records will be kept on all closing procedures. It would take a total of 2 men approximately 100 man hours and 6-30 yard roll off dumpsters to evacuate the entire building form the worm farm business and all stored items in the building sweep and mop the floor. Calculating man hours at $20.00 per hour and dumpster fees at $450.00 per dumpster that brings a total to $4,700.00 with a overseeing fee of $1,300.00 will bring a total cost to closing the facility and cleaning it to $6,000.00 The estimate is supplied by Shawn Cowan with Shawn Cowan Construction LLC. I oversee new construction and remodels and have knowledge of clean up on job sites. Post closure plan will include notifying DEQ and get the appropriate permits and place a closed sign at the facility and maintain records and maintenance on the property. Performance standard, the facility shall be closed in accordance with the submitted closure plan if it is approved and in a manner that minimizes the need for further maintenance and controls and minimizes post-closure escape of waste and waste constituents into the environment.

IF at any time during closure activities or post-closure monitoring, inspection of the facility and/or review of monitoring data indicate an actual release of contaminants into the environment, the DEQ may require corrective action to eliminate or mitigate such release at the facility’s expense.
(Individual Form)

JOINT TENANCY WARRANTY DEED

KNOW ALL MEN BY THESE PRESENTS:

Havered Lee Hill Sr A Single Person party of the first part, in consideration of the sum of Ten And No/100 Dollars ($10.00) and other valuable considerations to him in hand paid, the receipt whereof is hereby acknowledged does hereby grant, bargain, sell and convey unto Darrel Armer and Wanda Armer as joint tenants and not as tenants in common, with the right of survivorship, the whole estate to vest in the survivor in the event of the death of either, parties of the second part, the following described real property and premises situate in Pottawatomie County, State of Oklahoma, to wit:

The East Half of the East Half of the Southeast Quarter of the Southwest Quarter (E2/2 SE2/4 SW/4) in Section Nine (9), Township Eleven (11) North, Range Four (4) East of the Indian Meridian, Pottawatomie County, Oklahoma.

Subject to easements, rights of way and restrictive covenants of record, less and except all oil, gas and other minerals previously reserved or conveyed of record.

Together with all the improvements thereon and the appurtenances thereunto belonging, and warrant the title to same.

TO HAVE AND TO HOLD the above described premises unto the said parties of the second part, as joint tenants, and to the heirs and assigns of the survivor forever, free, clear and discharged of and from all former grants, charges, taxes, judgments, mortgages and other liens and encumbrances of whatsoever nature.

IN WITNESS WHEREOF, the undersigned have executed this document on the date(s) set forth below.

Signed and delivered November 12, 2019.

Havered Lee Hill Sr

The State of OKLAHOMA

INDIVIDUAL ACKNOWLEDGMENT

County of OKLAHOMA

Before me, the undersigned, a Notary Public in and for said County and State, on this 12 day of November 2019, personally appeared Havered Lee Hill Sr, a Single Person, to me known to be the identical person(s) who executed the within and foregoing instrument and acknowledged to me that he/she/they executed the same as (his/her/their) free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and seal the day and year last above written.

Notary Public in and for the State of
Notary's Printed Name:
Notary's Commission Expires:

Mallie Deed and Tax Statements To:
Darrel Armer and Wanda Armer
109109 S 4767 Rd
Roland, OK 74864

Presented for filing by and return to:
Chicago Title Oklahoma Co
3401 NW 63rd, Suite 300
Oklahoma City, OK 73116
File No. 2191010104459
Title Insurance Commitment, if any, issued by:
Chicago Title insurance Corp.

STATE OF OKLAHOMA

Pottawatomie County

Documentary Stamps $250.00

Printed: 11/12 by @ 8:19 PM by EK
OK-JT/DOC/013217456-3/11701-50208533
Page 1
December 28, 2019

To whom it may concern,

We, Wanda and Darrel Armer, hereby agree to lease the four thousand square feet building located at 43470 Moccasin Trail Road Meeker, OK 74855 to Oklahoma Green to Gold Recycling, LLC (OGTGR) for five years.

We, Wanda and Darrel Armer, are aware that Oklahoma Green to Gold Recycling, LLC (OGTGR) has applied for a solid waste permit through ODEQ to facilitate a worm farm. We are also aware that Oklahoma Green to Gold Recycling, LLC (OGTGR) will be applying for a license through Oklahoma Medical Marijuana Authority (OMMA) to process medical marijuana waste at the worm farm located at 43470 Moccasin Trail Road Meeker, OK 74855.

Thank you,

Wanda Armer

Darrel Armer

Home Address:
109109 S 4767 Rd
Roland, OK 74954
A stream is any body of running water, large or small, that flows under the influence of gravity toward lower elevations in a relatively narrow, clearly defined channel. Each major drainage system in Oklahoma consists of a principal river, with many small tributary rivers, streams, and creeks funneling water to the main course.

The condition and flow rates of Oklahoma streams are temporary in terms of geologic time. Stream positions shift as they cut deeper channels into their banks, while their tributaries erode nearby uplands. Major drainage systems of today were established during the Pleistocene (the last 1.6 million years). Streams flowed across Oklahoma for millions of years before finally carving out today's drainage basins. The positions of earlier streams are marked now by alluvial deposits remaining as stream terraces, high above the flood plains of today's streams that are eroding deeper into underlying rock.

All major streams in Oklahoma have broad, sand-filled channels with active water courses occupying a small portion of the river bed or flood plain. These broad, sand-filled channels reflect large changes in discharge (floods) that occur from time to time. Many man-made dams on major streams and tributaries, however, have decreased flooding frequency and magnitude. As a result, active water courses gradually are stabilizing within their broad stream beds.

All Oklahoma streams are within two major drainage basins: the Red River basin, and the Arkansas River basin (see page 14). The two rivers and their many tributaries flow into Oklahoma from neighboring states, while all surface water from Oklahoma flows into Arkansas, via the Red River. Arkansas, and Little Rivers, and Lee Creek. Major rivers and tributaries flow mainly east and southeast across Oklahoma.

Six scenic rivers flow in eastern Oklahoma and several natural salt plains and saline rivers are present in the west. Five scenic rivers in the Arkansas River drainage are in Adair, Cherokee, Delaware, and Sequoyah Counties in the Ozark Plateaus. They include parts of the Illinois River (1, see map), and Flint (2), Baron Fork (3), Little Leaf (4), and Lee (5) Creeks. The upper part of Mountain Fork (6), which flows into Broken Bow Lake in the Ouachita Mountains in McCurtain County, is in the Red River drainage.

Natural salt plains occur along some rivers where natural brines seep to the surface. In the Arkansas River drainage, Great Salt Plains (1) on Salt Fork is the largest salt flat covering about 25 square miles. Others in northwestern Oklahoma are Big Salt Plain (2) and Little Salt Plain (3) on the Cimarron River, and Ferguson Salt Plain (4) in Blaine County. Salt plains in the Red River drainage are Boggy Creek Salt Plain (5) on North Fork Red River; Kiser (6), Robinson (7), and Chantey (Saltom) (8) Salt Plains on Elm Fork in north Harman County; and Jackson County Salt Plain (9). Downstream in both drainage basins, fresh-water inflow dilutes saline river waters, making the water usable for municipalities, livestock, and industrial purposes before reaching Keystone Lake or Lake Texoma.

There are many lakes and reservoirs in Oklahoma; most are man-made, created by damming streams for flood control, water supply, recreation, fish, wildlife, and hydroelectric power. Lakes on the Arkansas and Verdigris Rivers aid in navigation along the McCullom-Kerr Navigation System. Major lakes are formed behind dams built by the U.S. Army Corps of Engineers, U.S. Bureau of Reclamation, and the Grand River Dam Authority. Various state and federal agencies, cities, and other entities own and operate large lakes. Farmers and landowners have built many smaller lakes and ponds. Table 4 lists the 20 Oklahoma lakes with the largest surface areas.

A series of oxbow and play lakes are the only natural lakes in Oklahoma. Typically crescent-shaped, oxbow lakes occupy abandoned channels of meandering streams and occur mainly in flood plains of the Red, Arkansas, Washita, North Canadian, and Verdigris Rivers in central and eastern Oklahoma. Oklahoma has 62 oxbow lakes covering at least 10 acres; the largest, near Red River in McCurtain County, covers 272 acres (Oklahoma Water Resources Board, 1990).

Playa lakes form in shallow, saucer-like depressions scattered across the semiarid High Plains in northwestern Oklahoma and the Panhandle. Playa lakes have no outflow, holding water during and after rainy seasons before evaporating, or losing water by infiltrating into the ground. Oklahoma has about 600 of these intermittent or ephemeral playa lakes, but only a few persist year-round (Oklahoma Water Resources Board, 1990).
FEMA Flood Map Service Center: Search By Address

Enter an address, place, or coordinates:  
43470 Moccasin Trail Rd Meeker, Oklahoma 74855  
Search

Whether you are in a high risk zone or not, you may need flood insurance because most homeowners insurance doesn't cover flood damage. If you live in an area with low or moderate flood risk, you are 5 times more likely to experience flood than a fire in your home over the next 30 years. For many, a National Flood Insurance Program’s flood insurance policy could cost less than $400 per year. Call your insurance agent today and protect what you’ve built.

Learn more about steps you can take [https://www.fema.gov/what-mitigation] to reduce flood risk damage.

Search Results—Products for POTTAWATOMIE COUNTY

Show ALL Products »

UNINCORPORATED AREAS

The flood map for the selected area is number 40125C0070J, effective on 05/16/2019.

You can choose a new flood map or move the location pin by selecting a different location on the locator map below or by entering a new location in the search field above. It may take a minute or more during peak hours to generate a dynamic IFH. If you are a person with a disability, are blind, or have low vision, and need assistance, please contact a map specialist [https://msc.fema.gov/portal/resources/contact].
Darrel Armer  
109109 S 4767 Rd.  
Roland, OK 74954

October 22nd, 2019

Re: DEQ Permit / Environmental Review for Worm Farm in Pottawatomie County, OK

Dear Mr. Armer,

This letter is written in response to your correspondence of October 22nd, 2019 regarding the construction of a worm farm at the location of 43470 Moccasin Trail Road southeast of the town of Aydelotte in Pottawatomie County, Oklahoma.

This letter is provided to you as a courtesy of the Oklahoma Department of Wildlife Conservation (ODWC) as a form of technical assistance to help you site and plan your facility in such a way as to avoid or minimize potential negative impacts on wildlife resources. Please understand that we have not conducted an actual field investigation of your project area due to financial and personnel constraints; however we have endeavored to provide you with the most comprehensive information that we can based upon the information that we have on hand.

Ultimately it is the responsibility of the parties involved in the planning, design, construction, operation, and maintenance of the proposed facility to evaluate the impact of this project on wildlife resources, including threatened and endangered species, native habitats and the environment. Please be aware that because the entire project area is privately owned, it has not been the subject of an extensive wildlife survey or inventory.

As authorized by Title 800:25-19 of the Oklahoma Administrative Code, ODWC maintains authority over 3 state-listed threatened and endangered species; these include the Oklahoma Cave Crayfish (*Cambarus tartarus*), Longnose Darter (*Percina nasuta*), and Blackside Darter (*P. maculata*). All three of these species are aquatic and occur in watersheds greater than 100 miles from the project footprint. Due to the facility’s distance from these areas, we have determined that the proposed development project will have no effect on any state-listed threatened or endangered species.

According to the U.S. Fish and Wildlife Service’s Information for Planning and Consultation website (https://ecos.fws.gov/ipac/), Pottawatomie County is within the range of six (6) federally-listed threatened or endangered species. Four of these, including the Whooping Crane (*Grus americana*), Interior Least Tern (*Sterna antillarum*), Piping Plover (*Charadrius melodus*), and Red Knot (*Calidris canutus rufa*), are migratory birds that only nest or forage on or near wetlands, reservoirs, and riverine habitats. The Arkansas River Shiner (*Notropis girardi*) is a federally-threatened minnow that occurs in the Canadian River along the southern border of
the county. Lastly, the American Burying Beetle (*Nicrophorus americanus*) is an insect that has the potential to occur in the eastern portion of Pottawatomie County.

Please note that federally-listed species are under the jurisdiction of the U.S. Fish and Wildlife Service; therefore, we recommend that you contact their Ecological Services Field Office in Tulsa for the most current records of species occurrences and further guidance. The contact information for that office is as follows:

U.S. Fish and Wildlife Service, Ecological Services
9014 East 21st Street
Tulsa, OK 74129
918-382-4500
Website: [www.fws.gov/southwest/es/oklahoma](http://www.fws.gov/southwest/es/oklahoma)

We appreciate the opportunity to review this project and submit comments. If you have any questions regarding this letter, please contact me at (580) 571-5820 or by email at [matthew.fullerton@odwc.ok.gov](mailto:matthew.fullerton@odwc.ok.gov).

Sincerely,

Matt Fullerton
Endangered Species Biologist
OBS Ref. 2019-496-BUS-ARM

Dear Mr. Armer,

We have reviewed occurrence information on federal and state threatened, endangered or candidate species, as well as non-regulatory rare species and ecological systems of importance currently in the Oklahoma Natural Heritage Inventory database for the following location you provided:

Sec. 9-T11N-R4E (-96.885744, 35.434544), Pottawatomie County

We found no occurrences of relevant species within the vicinity of the project location as described. However, absence from our database does not preclude such species from occurring in the area.

If you have any questions about this response, please send me an email, or call us at the number given below.

Although not specific to your project, you may find the following links helpful.

ONHI guide to ranking codes for endangered and threatened species:
http://vmpincel.ou.edu/heritage/ranking_guide.html

Information regarding the Oklahoma Natural Areas Registry:
http://www.oknaturalheritage.ou.edu/registry_faq.htm

Todd Fagin
Oklahoma Natural Heritage Inventory
(405) 325-4700
tfagin@ou.edu
From: DARREL ARMER <daaw8272@sbcglobal.net>
Sent: Thursday, October 3, 2019 9:44 AM
To: Brooks Tramell <Brooks.Tramell@Conservation.ok.gov>
Cc: Wanda Armer <warmer1960@att.net>
Subject: Ref: Worm Farm at 43407 Moccasin Trail Rd Meeker, Ok 74855

Good morning Mr. Tramell,

Ref: Worm Farm at 29909 Memorial Rd. McLoud, OK 74851

Sorry for the delay, but I ended up traveling again yesterday with limited computer access. Per our conversation Tuesday we’re working with DEQ trying to obtain a Solid Waste Permit and they require a letter from your agency per 252:515-5-32(d). Below is the information you and I spoke of on the phone Tuesday.

252:515-5-32(d)
Wetlands: Facility shall not to be located in wetlands. Letter required from Oklahoma Conservation Commission (OCC) stating proposed site not located in wetlands.

* Latitude 35.4345 - Longitude 96.8857

https://msc.fema.gov/portal/search?
AddressQuery=43407%20Moccasin%20Trail%20Rd%20Meeker%2C%20OK%2074855#searchresultsanchor

FEMA Flood Map Service Center | Search By Address

If you need other information please feel free to contact me.

Thank you in advance for your time,

Darrel Armer
479-651-0950
daaw8272@sbcglobal.net
Sent from my iPhone

Begin forwarded message:

From: Brooks Tramell <Brooks.Tramell@Conservation.ok.gov>
Date: October 3, 2019 at 4:37:22 PM CDT
To: DARREL ARMER <daaw8272@sbcglobal.net>
Cc: Wanda Armer <warmer1960@att.net>
Subject: RE: Worm Farm at 43407 Moccasin Trail Rd Meeker, Ok 74855

Darrel,

I have completed and scanned a signed copy of a determination letter as requested for this project. Let me know if you need anything additional.

Thanks,

Brooks

Brooks Tramell
Director of Monitoring, Assessment, and Wetlands Programs
Oklahoma Conservation Commission
918 West Choctaw Street, Suite 2
Tahlequah, OK 74464
(405)534-6997
www.conservation.ok.gov
www.wetlands.ok.gov

OKLAHOMA CONSERVATION COMMISSION
OCTOBER 3, 2019

Darrel Armer

RE: Worm Farm at 29909 Memorial Rd. McCloud, OK 74851

Dear Mr. Armer,

Your request for a wetland determination for the referenced project, as described in your email of October 3, 2019 has been reviewed using the Soil Survey of Pottawatomie County and the U.S. Fish and Wildlife Service National Wetland Inventory Mapper. Neither hydric soils nor wetlands are indicated on the soil survey map within your proposed project area, indicating that these areas most likely do not contain wetland ecosystems and that your project should not significantly impact wetland resources in the area. If you believe this determination to be inaccurate, an on-site investigation may be needed. This investigation needs to be coordinated with the U.S. Army Corps of Engineers, Regulatory Branch, in Tulsa. Their address and phone number is:

U.S. Army Corps of Engineers
Mr. Andy Commer
Chief of Regulatory Branch
2488 E 81st Street
Tulsa, OK 74137
918/669-7400

Based on our wetlands determination criteria there should be no significant impact on wetland resources in the area described. If you have any further questions or concerns, please contact me at 405/522-6908.

Sincerely,

[Signature]

Brooks Trameii
Wetlands Program Coordinator
Water Quality Division

cc. Wetlands file
I've completed the "Online Project Review Process" and it looks to me like everything that I completed was saved onto the online website(s). Honestly I'm a little nervous whether it saved or not, so, I decided to copy and send to you by email as well. This property contract is unfortunately on a tight rope and scheduled to close on Oct, 29th, 2019. This "Online Project Review Process" was unexpected and I do apologize for the rush.

I'm sending you five files:
1) the Species Conclusion Table
2) IPaC Species List and Action Area map (due to the size of this packet I'll send in separate email)
3) The Online Project Review Request Packet.
4) Copy of recent Survey
5) Copy of letter from Natural Heritage Inventory

Additional email to follow in minutes:

Thank you for your time,
Darrel Armer
daaw8272@sbcglobal.net
479-651-0950

--

Laurence Levesque

Supervisory Fish & Wildlife Biologist
U.S. Fish and Wildlife Service
Oklahoma Ecological Services Field Office
9014 E. 21st Street
Tulsa, OK 74129
Sent from my iPhone

Begin forwarded message:

From: "Levesque, Laurence" <laurence.levesque@fws.gov>
Date: October 29, 2019 at 9:32:18 AM CDT
To: DARREL ARMER <daaw8272@sbcglobal.net>
Subject: Re: [EXTERNAL] Online Project Review Process (packet)

Mr. Armer,

The U.S. Fish and Wildlife Service's Oklahoma Ecological Services Field Office has reviewed your online project review submission 02EKOK00-2020-SLI-0217 for a worm farm in Pottawatomie County, Oklahoma. The Service agrees with your No Effect determinations for listed threatened and endangered species based on the the lack of suitable habitat within the project area.

This consultation is considered concluded. If you have any questions please do not hesitate to contact me.

Sincerely,

Laurence Levesque

On Wed, Oct 23, 2019 at 12:44 PM DARREL ARMER <daaw8272@sbcglobal.net> wrote:
Good afternoon Mr. Levesque,
19. In the case that the facility closes DEQ will be notified and records will be kept on all closing procedures. In the event that the facility closes the facility will contain approximately 26 worm vats, a couple of tables and a grinder. It would take a total of 2 men approximately 100 man hours and 6-30 yard roll off dumpsters to evacuate the entire building form the worm farm business and all stored items in the building, sweep and mop the floor. Calculating man hours at $20.00 per hour and dumpster fees at $450.00 per dumpster that brings a total to $4,700.00 with a overseeing fee of $1,300.00 will bring a total cost to closing the facility and cleaning it to $6,000.00 Post closure plan will include notifying DEQ and get the appropriate permits and place a closed sign at the facility and maintain records and maintenance on the property. Performance standard, the facility shall be closed in accordance with the submitted closure plan if it is approved and in a manner that minimizes the need for further maintenance and controls and minimizes post-closure escape of waste and waste constituents into the environment.

20. Rain water will land on the roof, the roof is sloped in the middle toward the North and South, gravity will make the water run off the North and South side of the building where the ground is Sloped to the South East side of the property where a small ditch will carry the water East.

21. NA

22. The doors to the facility will be shut while the grinder is in operation. We will keep the grass cut and all trash picked up in the parking lot and driveway.

34. I state that the facility is not located within the drainage basin of any river designated under Oklahoma Scenic Rivers Commission (OSRC) Act.

35. I state that no area within the permit boundary or located within ½ mile of any area formally dedicated and managed for public recreation or natural preservation by federal, state, or local government agency.

38. The facility will be supplied by rural water.

39. There will be no polluted runoff water.

41. Any leachate from the worm vats will be collected in the drain system at the bottom of the vats so to be reapplied to the vat.

42. The facilities roof and walls will keep all storm water from entering the processing area.

43. There is more than a 25' Separation between the Facility and a pipeline

44. The facility will not be accepting any material that is listed in OAC 252:515-19-31 and OAC 252:515-43-53. Which includes Hazardous, Radioactive, Regulated PCB waste, or Regulated Medical Waste besides Medical Marijuana, or Asbestos, Construction and Demolition waste, and Bailed Waste.

45. The facility will have a fence along the property line by the road and a gate at the entry that will be shut during closed hours and properly maintained during business hours.

46. All waste will be weighed and recorded.

47. All material will be kept inside of the transportation vehicles until it has reached the facility and then transferred inside to be processed. Any material that is dropped will be picked up and dealt with properly.

48. Doors of the facility will be kept shut while the grinder is in operation and after running has shut down all dust will be swept up and placed into the worm beds. There will be no open burning of any waste.
49. Materials temporarily outside will be in leak proof sealed containers. All feedstock brought into the facility will be processed by the end of each day. Materials temporarily outside will be in leak proof sealed containers and brought indoors during hours of non-operation. Materials indoors will maintain aerobic conditions for microorganisms and worms to remedy any pathogens that may exist. The facility will be monitored by a pest control company to ensure that we maintain a pest free environment.

51. Any and all Salvage and recycling plans will be approved by DEQ before being implemented.

52. The facility will keep records on everything that is brought into the facility to be disposed of during operating and until post-closure monitoring period is terminated.

53. All Putrescible waste brought to the facility will be processed within 24 hours.

54. If we show up at a facility and the box we are going to weigh and transport is to heave we will divide it into multiple boxes to reduce the weight.

55. We will only pick up and run materials through the grinder that is compatible for worms to eat.

56. In the event that the facility closes the facility will contain approximately 26 worm vats, a couple of tables and a grinder. It would take a total of 2 men approximately 100 man hours and 6-30 yard roll off dumpsters to evacuate the entire building form the worm farm business and all stored items in the building sweep and mop the floor. Calculating man hours at $20.00 per hour and dumpster fees at $450.00 per dumpster that brings a total to $4,700.00 with an overseeing fee of $1,300.00 will bring a total cost to closing the facility and cleaning it to $6,000.00

57. Post closure plan will include notifying DEQ and get the appropriate permits and place a closed sign at the facility and maintain records and maintenance on the property. Performance standard, the facility shall be closed in accordance with the submitted closure plan if it is approved and in a manner that minimizes the need for further maintenance and controls and minimizes post-closure escape of waste and waste constituents into the environment.

58. If the plan needs amending DEQ will be notified.

59. During the final closure of the facility copies of all closure documentation shall be maintained on file at the site or at the owner/operator’s place of business until the DEQ approves the completion of final closure. If post-closure monitoring is required, final closure documentation shall be maintained through the post-closure monitoring period.

60. If at any time during closure activities or post-closure monitoring, inspection of the facility and/or review of monitoring data indicate an actual release of contaminants into the environment, the DEQ may require corrective action to eliminate or mitigate such release at the facility’s expense.

61. The facility shall be closed in accordance with the submitted closure plan if it is approved and in a manner that minimizes the need for further maintenance and controls and minimizes post-closure escape of waste and waste constituents into the environment.

63. DEQ will be notified in writing prior to beginning final closure of the facility.

64. Closure activities shall begin no later than 90 days after final receipt of waste at the facility or final receipt of waste into a disposal cell, as applicable.

65. Closure activities shall be completed according to the approved closure plan within 180 days after closure activities are initiated. If by some chance it takes longer than that we will file for an extension but will take steps to prevent threats to human health or to the environment from the unclosed cell or facility.
66. A certification of final closure shall be submitted to the DEQ after completion of final closure, the Certification will be signed by the owner/operator, and it will state that the facility was closed according to the approved closure plan, the permit, and applicable rules. It will contain a closure report with related drawings, plans or specifications describing how closure was performed and indicate whether inspection of gas, groundwater, or surface water monitoring has shown the presence of elevated levels of any constituent or if any evidence of contamination related to site operations has been found and, if so, what corrective measures were taken. The Certification of final closure shall be prepared and sealed by an independent professional engineer licensed in the state of Oklahoma if the facility served a population of population equivalent of greater than 5,000.

67. Before post closure plan begins we will have approval from DEQ on the final closure of the facility. If any testing shows the confirmed presence of elevated levels of any constituent or any evidence of contamination related to site operations has been found or final closure of the site is found to be inadequate DEQ may extend the Closure period and require the posting of additional financial assurance.

69. DEQ may extend the post-closure monitoring and care period if sampling shows the presence of elevated levels of any constituent, or evidence of contamination resulting from site operations is found to exist, or prior maintenance or monitoring of the site is found to be inadequate, or the site is producing leachate that must be treated prior to discharge, or if other conditions are present that indicate a need for additional post-closure monitoring and care. When the post-closure period is extended the DEQ may require the maintenance of existing financial assurance, the posting of additional assurance, and/or may require corrective action.

71. Post-closure operational requirements that will be met are signs will be posted that the site is closed and the doors on the Bldg. will be locked. No later than April 1st of each year after the DEQ’s approval of the certification of final closure, a post closure maintenance and monitoring report shall be submitted to the DEQ until the post-closure period ends. This report shall document the maintenance performed and summarize all monitoring data for the previous year.

72. The owner shall not allow any use of the property during the post-closure period unless it is approve by DEQ.

73. at the conclusion of the post-closure period, a Certification of Post-Closure Performance shall be submitted to the DEQ the Certification Shall State the facility was maintained and monitored in accordance with the approved post-closure plan, the permit, and applicable rules and indicate whether monitoring throughout the post-closure period has shown the presence of elevated levels of any constituent of if any evidence of contamination related to site operations has been found and if so what corrective measures were taken and be maintained in the operating record. The certification of post-closure performance shall be submitted in lieu of the final annual post-closure report. The certification of post-closure performance shall be prepared and sealed by an independent professional engineer licensed in the state of Oklahoma if the facility was permitted to serve a population or population equivalent of greater than 5,000.

74. Closure and post-closure care DEQ approved financial assurance for closure and post-closure care will be established prior to the initial receipt of waste and corrective action. DEQ approved financial assurance for corrective action will be established no later than 120 days after the corrective action remedy has been selected in accordance with part 13 of OAC 252:515-9, or an alternative corrective action plan has been approved.

75. Financial assurance for closure, post-closure, and/or corrective action, as applicable, will be maintained continuously until released from the requirement to maintain such assurance by demonstrating compliance with the closure and/or post-closure requirements of Subchapter 25 or this chapter or demonstrating compliance with the corrective action requirements of part 15 of OAC 252:515-9, or an approved corrective action plan.
76. Transfer of permit – when the permit is transferred from one owner/operator ("transferor") to another owner/operator ("transferee"), the transferee shall either provide new financial assurance or assume the existing assurance, if adequate in amount.

77. If we fail to establish financial assurance in accordance with this Subchapter, renew or maintain an approved financial assurance mechanism as required, or provide acceptable substitute financial assurance when necessary DEQ shall begin proceedings to summarily suspend or revoke the permit.

78. We acknowledge that DEQ will not release any current assurance until an approved substitute is in place.

80. Financial assurance will be provided upon the request of DEQ for whatever amount DEQ deems suitable.

81. DEQ will be provided with one of the financial assurance that DEQ approved upon request.

82. We will only accept waste that is in compliance with the application. If the facility wants to deviate from the application DEQ will be notified and DEQ approved before any new waste streams are added.

83. All material will be inspected when it is picked up, any waste that is not approved by the facility will be left or returned to where it come from.

84. Inspection records will be kept at the facility.

85. All employs will be trained to their specific job, for safety and quality assurance.

86. There will be a qualified and trained person on site during open hours of operation.

87. Any rejected waste will be reported to DEQ by the end of the next working day along with the date of rejection, and the name, address, phone number and contact person of the waste generator when such data can be obtained, or the name of the driver, tag number of the vehicle, carrier name, address, telephone number and contact person when such data can be obtained.

88. Any prohibited waste will be stored in a locked container until it can be returned to its original Generator.

89. Any Prohibited waste will be returned to its original Generator.

90. All Prohibited waste will be returned to its original Generator.

91. Appropriate records shall be maintained in the operating record to demonstrate compliance with all DEQ requirements.
From: DARREL ARMER daaw8272@sbcglobal.net
Subject: Screenshot 2019-11-09 at 11.51.13 AM
Date: Nov 9, 2019 at 11:51:57 AM
To: cowanshwn@aol.com