COUNTY OR MUNICIPALITY APPROVAL FOR SURFACE MINING (Form SM-6)

<table>
<thead>
<tr>
<th>NAME OF COMPANY OR INDIVIDUAL APPLICANT(S)</th>
<th>TOTAL ACREAGE AND DEPTH OF PERMIT AREA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ellensburg Current Products</td>
<td>Include all acreage to be disturbed by mining, setbacks, and buffers, and associated activities during the life of the mine. (See SM-8A.) Total area permitted will be 783.75 acres</td>
</tr>
<tr>
<td></td>
<td>Maximum vertical depth below pre-mining topographic grade is 90 feet</td>
</tr>
<tr>
<td></td>
<td>Maximum depth of excavated mine floor is 1470 feet relative to mean sea level</td>
</tr>
<tr>
<td>Mailing Address</td>
<td>COUNTY Kittitas</td>
</tr>
<tr>
<td>P.O. Box 938</td>
<td>No attachments will be accepted. Legal description of permit area:</td>
</tr>
<tr>
<td>Ellensburg, WA 98926</td>
<td>1/4</td>
</tr>
<tr>
<td></td>
<td>NW 28</td>
</tr>
<tr>
<td></td>
<td>SW 28</td>
</tr>
<tr>
<td></td>
<td>NE 28</td>
</tr>
<tr>
<td></td>
<td>SE 28</td>
</tr>
</tbody>
</table>

Proposed subsequent use of site upon completion of reclamation:
- Rural residential
- Industrial
- Commercial
- Wildlife Enhancement

Signature of company representative or individual applicant(s): 

Date signed: 7-16-2020

TO BE COMPLETED BY THE APPROPRIATE COUNTY OR MUNICIPALITY:

Please answer the following questions 'yes' or 'no':
1. Has the proposed surface mine been approved under local zoning and land-use regulations?
   - Yes [✓] No [ ]
2. Is the proposed subsequent use of the land after reclamation consistent with the local land-use plan/designation?
   - Yes [✓] No [ ]

When complete, return this form to the Department of Natural Resources.

Name of planning director or administrative official (please print): 

Address:

411 N. Ruby Street
Suite 2
Ellensburg, WA 98926

RECEIVED
July 21, 2020
Washington Geological Survey

County or Municipality Approval (SM-6) Revised 8/17
APPLICATION FOR
RECLAMATION PERMIT AND PLAN
(Form SM-8A)

Check appropriate box(es): ☐ new permit ☐ revision of existing permit ☐ transfer of permit ☑ expansion

NOTE: Do not attempt to complete this form until you have carefully read “Instructions for Form SM-8A”.

1. NAME OF APPLICANT/PERMIT HOLDER(S)
   Ellensburg Cement Products, Inc.

2. MAILING ADDRESS
   P.O. Box 938
   Ellensburg, WA 98926

3. Telephone 509 933 7050  Email lmorrison@ellensburgcement.com

4. NAME OF MINE
   Ivan Hutchinson Pit

5. Street address and milepost of surface mine
   2121 Highway 97 Milepost 135

6. Distance (miles)
   18

7. Direction from
   West

8. Nearest community
   Ellensburg

9. COUNTY
   Kittitas

   No attachments will be accepted. Legal Description of permit area:

<table>
<thead>
<tr>
<th>1/4</th>
<th>Section</th>
<th>Township</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>NW</td>
<td>28</td>
<td>18N</td>
<td>18E</td>
</tr>
<tr>
<td>SW</td>
<td>28</td>
<td>18N</td>
<td>18E</td>
</tr>
<tr>
<td>NE</td>
<td>29</td>
<td>18N</td>
<td>18E</td>
</tr>
<tr>
<td>SE</td>
<td>29</td>
<td>18N</td>
<td>18E</td>
</tr>
</tbody>
</table>

10. Do you or any person, partnership, or corporation associated with you now hold, or have you held, a surface mining operating or reclamation permit? X yes ☐ no
   If you answered yes to the above, please list:

11. Are all of these mines now in compliance with RCW 78.44, WAC 332-18, and conditions of the permits? ☑ yes ☐ no
   Have you ever had a surface mine operating or reclamation permit revoked? ☑ yes ☑ no
   Have you ever had a reclamation security forfeited? ☑ yes ☑ no
   If you answered yes to either of the above, give permit number(s):

12. TOTAL ACREAGE OF PERMIT AREA APPLIED FOR:
   (Include all acreage to be permitted. See Form SM-6.) 283.75 acres

13. Total disturbed acreage (Include all acreage to be disturbed by mining and reclamation during the life of the mine.)
   Total area to be disturbed: 283.75 acres.
   Area to be disturbed in next 36 months: 1 acres.

14. Maximum vertical depth (thickness) mined below pre-mining topographic grade will be 90 feet.

15. Lowest elevation of excavated mine will be 1470 feet relative to mean sea level.
   Highest elevation of excavated mine will be 1560 feet relative to mean sea level.

16. Type of proposed or existing mine: ☑ pit ☐ quarry

17. Material(s) to be mined: ☑ sand and gravel ☑ rock or stone
   ☐ clay ☑ metal ☑ limestone ☑ silica
   ☐ other ______

18. Deposit type: ☐ glacial ☑ river floodplain (alluvial)
   ☐ river channel deposits ☐ talus ☑ bedrock ☐ tude
   ☐ other ______

19. Expected start date of mining: ongoing

20. Estimated number of years: 40 years

21. Total quantity to be mined over life of mine (estimated): 49,604,836 ☑ tons or ☐ cu yds

22. Estimated annual production:
   ☐ tons or ☑ cu yds

23. Subsequent land use: ☑ industrial ☑ commercial ☑ residential
   ☑ agricultural ☑ forestry ☑ wetlands and lakes
   ☑ other Recreational Rural
   County or Municipality Approval for Surface Mining (Form SM-6) attached? ☑ yes ☐ no

24. Reclaimed elevation of floor of mine: 1470 feet relative to mean sea level
   Reclaimed elevation is shown on cross sections? ☑ yes ☐ no

25. SEPA Checklist required? ☑ yes ☐ no

26. Application fee for a new reclamation permit is herewith attached? ☑ yes ☐ no

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July 21, 2020
Washington Geological Survey
**APPLICATION FOR RECLAMATION PERMIT AND PLAN**

### 22. SEGMENTAL RECLAMATION

<table>
<thead>
<tr>
<th>Permit area has been divided into segments for mining and a mining schedule has been developed?</th>
<th>☒ yes ☐ no</th>
</tr>
</thead>
<tbody>
<tr>
<td>If no, explain:</td>
<td></td>
</tr>
<tr>
<td>Permit area has been divided into segments for reclamation and a reclamation schedule has been developed?</td>
<td>☒ yes ☐ no</td>
</tr>
<tr>
<td>If no, explain:</td>
<td></td>
</tr>
</tbody>
</table>

### 23. SITE PREPARATION

#### 23A. Saving Topsoil, Subsoil, and Overburden for Reclamation

<table>
<thead>
<tr>
<th>Thickness of topsoil is</th>
<th>Thickness of subsoil is</th>
<th>Depth to bedrock is</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 to 2 feet</td>
<td>8 to 1.4 feet</td>
<td>Unknown feet</td>
</tr>
</tbody>
</table>

**Total volume of topsoil** is 456,573 cubic yards

**Total volume of subsoil** is 456,753 cubic yards

**Volume of stored topsoil/subsoil** is 913,146 cubic yards and will require 25 estimated acres for storage.

<table>
<thead>
<tr>
<th>Storage areas are shown on maps and will be marked on the ground with permanent boundary markers?</th>
<th>☒ yes ☐ no</th>
</tr>
</thead>
<tbody>
<tr>
<td>Topsoil will be salvaged?</td>
<td>☒ yes ☐ no</td>
</tr>
<tr>
<td>If no, explain:</td>
<td></td>
</tr>
<tr>
<td>Topsoil and overburden will be moved to reclaim an adjacent depleted segment?</td>
<td>☒ yes ☐ no</td>
</tr>
<tr>
<td>If no, explain:</td>
<td></td>
</tr>
<tr>
<td>Before materials are moved, vegetation will be cleared and drainage planned for soil storage areas?</td>
<td>☒ yes ☐ no</td>
</tr>
<tr>
<td>If no, explain:</td>
<td></td>
</tr>
<tr>
<td>Soil storage areas will be stabilized with vegetation to prevent erosion if materials will be stored for more than one season?</td>
<td>☒ yes ☐ no</td>
</tr>
<tr>
<td>If no, explain:</td>
<td></td>
</tr>
</tbody>
</table>

#### 23B. Permit and Disturbed Area Boundaries

<table>
<thead>
<tr>
<th>Boundary of the permit area will be marked on the ground with permanent boundary markers?</th>
<th>☒ yes ☐ no</th>
</tr>
</thead>
<tbody>
<tr>
<td>Explain boundary markers: Painted Lath with flag while stripping then Toe of soils stripped from that section</td>
<td></td>
</tr>
</tbody>
</table>

#### 23C. Setbacks Screens and Buffers

<table>
<thead>
<tr>
<th>Are Screens required and are shown on maps?</th>
<th>☐ yes ☒ no</th>
</tr>
</thead>
<tbody>
<tr>
<td>The reclamation setback for this site will be 25 feet wide.</td>
<td></td>
</tr>
<tr>
<td>Is a permanent, undisturbed buffer planned for this site?</td>
<td>☐ yes ☒ no</td>
</tr>
<tr>
<td>If no, explain:</td>
<td></td>
</tr>
<tr>
<td>Setbacks and buffers are shown on maps and have been marked on the ground with permanent boundary markers?</td>
<td>☒ yes ☐ no</td>
</tr>
<tr>
<td>If no, explain:</td>
<td></td>
</tr>
</tbody>
</table>

#### 23D. Buffers to Protect Streams and Flood Plains

<table>
<thead>
<tr>
<th>Will the site include a stream or flood plain?</th>
<th>☐ yes ☒ no</th>
</tr>
</thead>
<tbody>
<tr>
<td>If yes, see “Additional Requirements for Mines in Flood Plains” in “Instructions for SM-8A”. If no, skip to 23E.</td>
<td></td>
</tr>
<tr>
<td>A stream buffer of at least 200 feet has been marked on the ground with permanent boundary markers?</td>
<td>☐ yes ☒ no</td>
</tr>
<tr>
<td>A buffer of at least 200 feet from the 100-year flood plain has been marked on the ground with permanent boundary markers?</td>
<td>☐ yes ☒ no</td>
</tr>
<tr>
<td>If no, explain: Site is not in a flood zone</td>
<td></td>
</tr>
<tr>
<td>Copy of Shoreline Permit from local government or the Department of Ecology is attached?</td>
<td>☐ yes ☒ no</td>
</tr>
<tr>
<td>Hydraulic Project Approval from the Department of Fish and Wildlife is attached?</td>
<td>☐ yes ☒ no</td>
</tr>
</tbody>
</table>
### APPLICATION FOR RECLAMATION PERMIT AND PLAN

#### 23E. Conservation Buffers

Are there any conservation buffers? □ yes □ no  
If no, skip to 23F  
Conservation buffers will be established for the following purpose(s): (Check all that apply)  
- □ unstable slopes  □ wildlife habitat  □ water quality  □ other  
Describe the nature and configuration of the conservation buffer(s):  
Conservation buffers are shown on maps and have been marked on the ground with permanent boundary markers? □ yes □ no  

#### 23F. Ground Water

High water table depth is 5 feet relative to mean sea level, □ below original surface, or □ unknown.  
Low water table depth is 10 feet relative to mean sea level, □ below original surface, or □ unknown.  
Annual fluctuation of water table is from 5 feet in **August** to 10 feet in **December**.  
Are well logs attached? □ yes □ no  
The shallowest aquifer is □ confined □ unconfined  
The site will be mined: □ wet □ dry □ both  
Describe mining method: Using an Excavator and/or front-end loader in a dry mine. There may be areas that become wet while excavating.  
The site is in a: □ critical aquifer recharge area □ sole source aquifer □ public water supply watershed □ wellhead protection area □ special protection area □ designated aquifer protection area  
*If checked above, see “Additional Requirements for Mines in Hydrologically Sensitive Areas” in “Instructions for SM-8A”.*  
Ground water study attached? □ yes □ no  
*If no, explain: The site is not in a sensitive area*  

#### 23G. Archeology

Are archeological/cultural resource sites present? □ yes □ no  
If yes, describe how you will protect these resources:  

#### 24. MINING PRACTICES TO FACILITATE RECLAMATION

#### 24A. Soil Replacement

Topsoil and (or) subsoil will be restored? □ yes □ no  
*If “no”, explain: Some areas are industrial and may not require soils to be replaced*  
Subsoil will be replaced to an approximate depth of 10 feet on the pit floor and a depth of 0-40 feet on slopes.  
Topsoil will be replaced to an approximate depth of 0 feet on the pit floor and a depth of 0-40 feet on slopes.  
If topsoil is in short supply, it will be strategically placed in depressions and low areas in adequate thickness to conserve moisture and promote revegetation? □ yes □ no  
*If no, explain: There is a generous amount of topsoil onsite*  
Topsoil will be moved when conditions are not overly wet or dry? □ yes □ no  
If no, explain:  
Topsoil will be restored to promote effective revegetation and to stabilize slopes and mine floor? □ yes □ no  
*If “no”, explain:*  
Topsoil will be replaced with equipment that will minimize compaction, or it will be plowed, disked, or ripped following placement? □ yes □ no  
If no, explain:  
Topsoil will be immediately stabilized with grasses and legumes to prevent loss by erosion, slumping, or crusting? □ yes □ no  
*If no, explain: Seeding will take place in the fall of the year*
### APPLICATION FOR RECLAMATION PERMIT AND PLAN

<table>
<thead>
<tr>
<th>Question</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Segmental topsoil removal and replacement is shown on maps?</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td>If no, explain:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Topsoil will be imported?</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>If yes, describe source.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Estimated volume is ________ cubic yards.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Synthetic topsoil made from compost, biosolids, or other amendments will be used and (or) made on site to supplement existing topsoil?</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>Materials such as till, loess, and (or) silt are available on site that could be used to supplement topsoil for reclamation.</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>If yes, explain: <strong>Materials from on-site are available and will be used for reclamation purposes</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Silt from settling ponds or a filter press will be used for reclamation?</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>Settling pond clay slurries will be pumped or hauled to other segments for reclamation?</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>If yes, explain: <strong>These materials are available if needed</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### 24B. Removal of Vegetation

<table>
<thead>
<tr>
<th>Question</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vegetation will be removed sequentially from areas to be mined to prevent unnecessary erosion?</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>If no, explain:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Small trees and other transplantable vegetation will be salvaged for use in revegetating other segments?</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>If yes, give details. If no, explain: Pasture grass covers the expansion site, no transplantable trees.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wood and other organic debris will be:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>☑ recycled ☐ removed from site ☐ chipped ☐ burned ☐ buried ☐ used to synthesize topsoil or mulch</td>
<td></td>
<td></td>
</tr>
<tr>
<td>☑ other (explain) Only pasture grass exists on site</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solid waste disposal, burning, and land use permits are attached?</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>Some coarse wood (logs, stumps) and other large debris will be salvaged for fish and wildlife habitats?</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>If yes, give details. If no, explain: This does not exist on the property</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### 24C. Stormwater and Erosion control for Reclamation

<table>
<thead>
<tr>
<th>Question</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pit floor will slope at gentle angles toward highwall, sediment retention pond, or proper drainage?</td>
<td>☑</td>
<td>☐</td>
</tr>
<tr>
<td>If yes, give details. If no, explain: The site is a depression, water will go to designated perimeter drain</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Revegetation, sheeting, and (or) matting will be used to protect areas susceptible to erosion?</td>
<td>☑</td>
<td>☐</td>
</tr>
<tr>
<td>If yes, give details. If no, explain: Areas susceptible to erosion will be seeded with pasture grass</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water control systems used during segmental reclamation will:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Divert clean water around pit?</td>
<td>☑</td>
<td>☐</td>
</tr>
<tr>
<td>Trap sediment-laden runoff before it enters a stream?</td>
<td>☑</td>
<td>☐</td>
</tr>
<tr>
<td>Be established to prevent erosion of setbacks and neighboring properties?</td>
<td>☑</td>
<td>☐</td>
</tr>
<tr>
<td>Be removed or reclaimed?</td>
<td>☑</td>
<td>☐</td>
</tr>
<tr>
<td>If any answers are no, explain:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stormwater system design will be capable of carrying the peak flow of the 25-year, 24-hour precipitation event?</td>
<td>☑</td>
<td>☐</td>
</tr>
<tr>
<td><em>(Data are available at the National Oceanic And Atmospheric Administration (NOAA))</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, are calculations attached?</td>
<td>☑</td>
<td>☐</td>
</tr>
<tr>
<td>If yes, give details. If no, explain: Calculations from NOAA show 1.6&quot; for the event. The systems are in place to handle this storm event.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Natural and other drainage channels will be kept free of equipment, wastes, stockpiles, and overburden?</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>If no, explain:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### APPLICATION FOR RECLAMATION PERMIT AND PLAN

#### 25. RECLAMATION TOPOGRAPHY

**25A. Final Slopes**

Final slopes will be created using the cut-and-fill method? □ yes □ no  
Explain procedure to be used: □ yes □ no

Slopes will be created by mining to the final slope using the cut method? □ yes □ no  
Explain procedure to be used:  **The slopes will be mined to final contour using an excavator or Dozer. Some areas may need to be sloped using backfill**  
If no, explain: □ yes □ no

Slopes will vary in steepness? □ yes □ no  
If no, explain: □ yes □ no

Slopes will have a sinuous appearance in both profile and plan view? □ yes □ no  
If no, explain: □ yes □ no

Large rectilinear (that is, right angle, or straight, planar) areas will be eliminated? □ yes □ no  
If no, explain:  **Some areas of the mine are grandfathered by pre 1971 mining standards**  
If no, explain: □ yes □ no

Where reasonable, tracks of the final equipment pass will be preserved and oriented to trap moisture, soil, and seeds, and to inhibit erosion? □ yes □ no  
If no, explain: □ yes □ no

**25B. Slope Requirements for Pits and Overburden/Waste Rock Dumps (non-saleable products)**

*If the mine is a quarry or in hard rock, skip to Quarry section (25C).*

Slopes will vary between 2 and 3 feet horizontal to 1 foot vertical or flatter, except in limited areas where steeper slopes are necessary to create sinuous topography and control drainage? □ yes □ no  
If no, explain: □ yes □ no

For pits, slopes will not exceed 2 feet horizontal to 1 foot vertical except as necessary to blend with adjacent natural slopes? □ yes □ no  
Give details: The new expansion area adjoins some pre-existing Pre 1971 mining standards. The pre-existing slopes will be kept in place. The expansion will be kept at no greater than 2:1 slope.

Review “Additional Requirements for Mines with Steep or Potentially Unstable Slopes” in “Instructions for SM-8A.”

Slope stability analysis required? □ yes □ no  
If yes, attach analysis.

**25C. Slope Requirements for Quarries and Hardrock Metal Mines**

*If mine is a pit in unconsolidated materials covered by Section 25B, go to Section 25D*

Check the appropriate box(es)
- □ Slopes will not exceed 2 feet horizontal to 1 foot vertical.
- □ Slopes steeper than 1 foot horizontal to 1 foot vertical are an acceptable subsequent land use as confirmed on Form SM-6.
- □ Hazardous slopes or cliffs are indigenous to the immediate area and already present a potential threat to human life. Photo and maps attached to document presence of cliffs.
- □ Geologic or topographic characteristics of the site preclude slopes being reclaimed at a flatter angle and are an acceptable subsequent land use as confirmed on Form SM-6.

Review “Additional Requirements for Mines with Steep or Potentially Unstable Slopes” in “Instructions for SM-8A.”

Slope stability analysis required? □ yes □ no  
If yes, attach analysis.

Measures will be taken to limit access to the top and bottom of hazardous slopes? □ yes □ no  
Describe measures, or if no, explain:

Selective blasting will be used to remove benches and walls and to create chutes, buttresses, spurs, scree slopes, and rough cliff faces that appear natural? □ yes □ no  
Blasting plan attached? □ yes □ no  
If no, explain: □ yes □ no
<table>
<thead>
<tr>
<th>Section</th>
<th>Question</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>25D. Backfilling</td>
<td>The site will require backfilling?</td>
<td>✗</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Maximum depth of backfilling is 70 feet in some areas</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Backfill will be:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>□ onsite materials</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td></td>
<td>□ imported materials</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>□ both</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Provide a written screening method that ensures importation of acceptable soil for reclamation.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Backfilling plan is attached?</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Backfill stockpiles are shown on maps and will be marked on the ground with markers?</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td></td>
<td>All grading/backfilling will be done with non-noxious, non-combustible, and relatively in compactible solids?</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Backfill will require compaction?</td>
<td>☑</td>
<td></td>
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<td>Backfill areas are relatively small, at reclamation these areas will be seeded or parking areas. A dozer will be used to push materials to grade and will be track walked not need to be compacted</td>
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<td></td>
<td>Will you be backfilling to create slopes?</td>
<td>☑</td>
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<td>Is slope stability analysis attached?</td>
<td>☑</td>
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<td></td>
<td>Shoreline areas will be sloped</td>
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<td>25E. Mine Floors</td>
<td>Flat areas will be formed into gently rolling mounds?</td>
<td>☑</td>
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<td></td>
<td>Mine floor will be gently graded into sinuous drainage channels to preclude sheetwash erosion during intense precipitation?</td>
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<td>Mine floor will be the bottom of a pond/Lake</td>
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<td>Mine floor will be the bottom of a Lake/Pond</td>
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<td>Mine floor and other compacted areas will be bulldozed, plowed, ripped, or blasted to foster revegetation?</td>
<td>☑</td>
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<tr>
<td></td>
<td>Will it be the bottom of a Lake/Pond</td>
<td>☑</td>
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<td>25F. Lakes, Ponds, and Wetlands</td>
<td>Is water currently present in the area or will the mining penetrate the water table?</td>
<td>☑</td>
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<td>Reclaimed areas below the permanent low water table in soil, sand, gravel, and other unconsolidated material will have a slope no steeper than 1.5 feet horizontal to 1 foot vertical?</td>
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<td>Areas above low water line will be contoured to represent a shoreline with escape routes for wildlife and livestock</td>
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<td>If not already present, soils, silts, and clay-bearing material will be placed below water level to enhance revegetation?</td>
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<td>If needed</td>
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<tr>
<td></td>
<td>Some parts of pond and lake banks will be shaped so that a person can escape from the water?</td>
<td>☑</td>
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</tbody>
</table>
APPLICATION FOR RECLAMATION PERMIT AND PLAN

Armored spillways or other measures to prevent undesirable overflow or seepage will be provided to stabilize bodies of water and adjacent slopes?  
☐ yes  ☐ no
If yes, give details. If no, explain: Currently in practice

Wildlife habitat will be developed, incorporating such measures as:
- Sinuous and irregular shorelines?  
  ☐ yes  ☐ no
- Varied water depths?  
  ☐ yes  ☐ no
- Shallow areas less than 18 inches deep?  
  ☐ yes  ☐ no
- Islands and peninsulas?  
  ☐ yes  ☐ no
Give details: The ongoing plan at this site is to continue to use BMP'S listed Best Management Practices for reclaiming surface mines in Washington and Oregon. The shoreline will be made to look as natural as possible with shallow areas and irregular shorelines

Ponds or basins will:
- Be located in stable areas?  
  ☐ yes  ☐ no
- Have sufficient volume for expected runoff?  
  ☐ yes  ☐ no
- Have an emergency overflow spillway?  
  ☐ yes  ☐ no
- Spillways and outfalls will be protected (for example, rock armor) to prevent failure and erosion?  
  ☐ yes  ☐ no
If any answers are no, explain:

Proper measures will be taken to prevent seepage from water impoundments that could cause flooding outside the permitted area or adversely affect the stability of impoundment dams or adjacent slopes?  
☐ yes  ☐ no
If yes, give details. If no, explain: No impoundments, water will be in the depression of the Mine

Written approval from other agencies with jurisdiction to regulate impoundment of water is attached?  
☐ yes  ☐ no
If no, explain: No impoundments

25G. Final Drainage Configuration
Drainages will be constructed on each reclaimed segment to control surface water, erosion, and siltation?  
☐ yes  ☐ no
Result in essentially natural conditions of volume, velocity, and turbidity?  
☐ yes  ☐ no
Clean runoff is directed to a safe outlet?  
☐ yes  ☐ no
If yes, give details. If no, explain: Reclaimed area is a pond/lake
Are these shown on maps?  
☐ yes  ☐ no

26. SITE CLEANUP AND PREPARATION FOR REVEGETATION

26A. Dealing with Hazardous Materials
Hazardous materials are present at the mine site?  
☐ yes  ☐ no
If no, go to Section 26B
The final ground surface drains away from any hazardous natural materials?  
☐ yes  ☐ no
If yes, give details. If no, explain: No known natural hazardous materials exist
Plan for handling hazardous mineral wastes indigenous to the site is attached?  
☐ yes  ☐ no
If no, written approval from all appropriate solid waste regulatory agencies attached?  
☐ yes  ☐ no

26B. Removal of Debris
All debris (garbage, 'bone piles', treated wood, old mining equipment, etc.) will be removed from the mine site?  
☐ yes  ☐ no
All sheds, scale houses, and other structures will be removed from the site?  
☐ yes  ☐ no
If either answer is yes, give details. If no, explain: Major portion of the site will be underwater at reclamation. Any temporary buildings, junk and equipment will be removed

27. REVEGETATION
The mine site is in: ☒ eastern Washington  ☐ western Washington
Revegetation area is: ☐ wet  ☒ dry  ☐ both
The average precipitation is _____ inch per year.
APPLICATION FOR RECLAMATION PERMIT AND PLAN

Revegetation will start during the first proper growing season (fall for grasses and legumes, fall or late winter for trees and shrubs) following restoration of mine segments?  
☐ yes  ☐ no
If yes, give details. If no, explain: **Planting will be in the fall of the year**

The site will not be revegetated because:
☐ It is a rural area with a rainfall exceeding 30 inches annually and erosion will not be a problem (requires approval of DNR).
☐ Revegetation is inappropriate for the approved subsequent use of this surface mine.

Explain:

**27A. Recommended Pioneer Species**

In the Sections below, check the species that will be planted at your mine site:

* indicates nitrogen-fixing species

**Western Washington Dry Areas**

☐ alfalfa*  ☐ lupine*  ☐ clover*  ☐ orchard grass
☐ cereal rye  ☐ perennial rye  ☐ colonial bent grass  ☐ ponderosa pine
☐ creeping red fescue  ☐ red alder*  ☐ Douglas fir  ☐ shore pine
☐ ground cover  ☐ shrubs

**Western Washington Wet Areas**

☐ birdsfoot trefoil  ☐ sedges  ☐ cedar  ☐ tubers
☐ cottonwood  ☐ wetland grasses  ☐ creeping red fescue  ☐ willow
☐ red alder*  ☐ other

**Eastern Washington Dry Areas**

☐ alder*  ☐ grasses  ☐ alfalfa*  ☐ juniper
☐ black locust  ☐ lodgepole pine  ☐ clover  ☐ lupine*
☐ deciduous trees  ☐ ponderosa pine  ☐ shrubs  ☐ deep-rooted ground cover
☐ diverse evergreens  ☐ other **Dryland Pasture grass**

**Eastern Washington Wet Areas**

☐ alder*  ☐ cottonwood  ☐ poplar  ☐ sedges
☐ serviceberry  ☐ tubers  ☐ willow
☐ other

Give planting details (stems/hares of trees and shrubs, see **Forest Practices manual**; lbs/acre of grass, legume, or forb mixture):

**Pasture grass will be used throughout, the grass used will be broadcast at the suggested rate**

Describe weed control plan:

**Properties are involved in a weed control program and this practice will continue**

**27B. Planting Techniques**

Revegetation at this site will require:

- Ripping and tilling?
  ☐ yes  ☐ no
- Blasting to create permeability?
  ☐ yes  ☐ no
- Mulching?
  ☐ yes  ☐ no
- Irrigation?
  ☐ yes  ☐ no
- Fertilization?
  ☐ yes  ☐ no
- Importation of clay- or humus-bearing soils?
  ☐ yes  ☐ no
- Other soil conditioners or amendments?
  ☐ yes  ☐ no

Give details: If soil conditioners or till ins are needed it may be applied at time of seeding.

Trees and shrubs will be planted in topsoil or in subsoil amended with generous amounts of organic matter?

☐ yes  ☐ no
If yes, give details. If no, explain: At time of reclamation pasture grass will be planted. If trees are to be planted it will be at a later date and time.
Mulch will be piled around the base of trees and shrubs? [ ] yes [ ] no
High quality stock will be used? [ ] yes [ ] no
Trees and shrubs will be planted while they are dormant? [ ] yes [ ] no
Stock will be properly handled, kept cool and moist, and planted as soon as possible? [ ] yes [ ] no
Seeds will be covered with topsoil or mulch no deeper than one-half inch? [ ] yes [ ] no
If any answers are no, explain: Trees and shrubs are not part of the existing landscape. After reclamation decisions may be made at that time depending on what the use of the property will be.

28. FINAL CHECKLIST

All required maps are attached? (See “Instructions for SM-8A” for detailed requirements.) [ ] yes [ ] no
All required cross sections are attached? (See “Instructions for SM-8A” for detailed requirements.) [ ] yes [ ] no
Geologic map attached (if required)? (See “Instructions for SM-8A” for detailed requirements.) [ ] yes [ ] no
All documents submitted have the date, the name and address of the permit holder, and the application number? [ ] yes [ ] no
Have you completed the SM-6 and has it been signed by the local jurisdiction? [ ] yes [ ] no
Have you provided the SEPA checklist? [ ] yes [ ] no
Have you provided a copy of the SEPA determination (DNS, MDNS, or DS)? [ ] yes [ ] no
Have you attached photographs (as needed)? [ ] yes [ ] no

Are additional supplemental studies included? [ ] yes [ ] no
If yes, check the appropriate box(es) below:
  - Archeological
  - Geohydrologic
  - Backfill
  - Slope stability
  - Topsoil
  - Flood plain
  - Conservational
  - Vegetation
  - Other

Other permits required? [ ] yes [ ] no
If yes, check the appropriate box(es) below:
  - Shoreline Permit
  - Water Discharge Permit [ ] yes [ ] no
  - Air Quality Permit
  - NPDS or General Discharge Permit
  - Solid Waste Permit
  - Hydraulic Project Approval
  - Special or Conditional Use Permit
  - Other
APPLICATION FOR RECLAMATION PERMIT AND PLAN

IDENTIFICATION OF LANDOWNER(S)

Identify names and addresses of all landowners. Provide written evidence of landowner approval of the extraction of minerals by surface mining methods and of the reclamation plan and/or provide the signature of all landowners below. If landownership has been severed between surface and mineral rights ownership, identify all affected mineral rights owner(s) and provide their approval. (Attach signed copies of this page if more than one.)

Print Name(s): Hutchinson Properties LLC

Address(es): P.O. Box 938
Ellensburg WA 98926

APPLICANT ACKNOWLEDGMENT

By signing this application, the applicant acknowledges the following:

- **Application’s Information True.** The applicant verifies that all information on this application and reclamation plan is true.
- **Reclamation Plan Contents.** The applicant’s reclamation plan consists of this document (SM-8A), SM-6, associated maps, cross sections, reclamation narrative, and other attachments. The department’s approval of this application would reflect approval of the applicant’s reclamation plan.
- **Applicant/Permit Holder Must Comply.** If the department approves this application, the applicant shall be the permit holder and shall be responsible for compliance with Chapter 78.44 RCW, Chapter 332-18 WAC, the terms and conditions of the permit, and the approved reclamation plan and attachments. The permit holder shall comply with the permit and may not significantly deviate from the reclamation plan without prior written approval by the department for the proposed change. Revised permits or modified plans might be necessary following significant deviations.
- **Applicant/Permit Holder Consents to Inspection.** All permitted surface mines are subject to regular inspection. See RCW 78.44.161 and WAC 332-18-050. The applicant verifies that it has authority to consent to department inspections on behalf of itself and the landowner(s). Applicant authorizes the department to enter and inspect any property covered by this application during any day or time determined necessary by the department to ensure compliance with the Surface Mining Act, Surface Mining Rules, the Reclamation Permit, and the Reclamation Plan.

<table>
<thead>
<tr>
<th>APPLICANT</th>
<th>Name and Title of Company Representative</th>
<th>Date signed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Signature of surface mine permit applicant or applicant’s company representative.</td>
<td>J. Jeff Hutchinson</td>
<td>10/25/19</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LANDOWNER(S)</th>
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<tbody>
<tr>
<td>As landowner, I ______ Hutchinson Properties LLC. (name) authorize the applicant to extract minerals from my land using surface mining methods and I approve this reclamation plan.</td>
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<tr>
<td>Signature:</td>
<td>Date signed:</td>
<td>10/25/19</td>
</tr>
<tr>
<td>J. Jeff</td>
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FOR DEPARTMENTAL USE ONLY

Date accepted | Accepted by: | Title: | Reclamation Permit No. |
|--------------|--------------|---------|------------------------|
Ellensburg Cement Products
P.O. Box 938
Ellensburg WA 98926
Narrative for expansion of Ivan Hutchinson pit # 70010239

1- Introduction
Ellensburg Cement Products has prepared this expansion plan for the Washington State Department of Natural Resources (DNR), surface mine reclamation permit number 70010239. This expansion, including the narrative, DNR forms, additional supporting material, maps and figures are intended to satisfy the DNR requirements as stated in the Washington State Surface Mining Act (RCW 78.44).

2- Description

2.1 Site Location
The site is accessed from state route 97 from either of two locations: the main pit entrance is accessed at approximately mile 134.8 of highway 97 (2121 Highway 97) and a seldom used entrance at mile 135.2. The current permit boundary encompasses 225.75 acres. After the expansion it will be a total of 283.75 acres. The legal description are as follows:
SE ¼ NW ¼ Section 28 Township 18N Range 18E of the Willamette Meridian
SW ¼ NW ¼ Section 28 Township 18N Range 18E of the Willamette Meridian
NW ¼ SW ¼ Section 28 Township 18N Range 18E of the Willamette Meridian
NE ¼ SW ¼ Section 28 Township 18N Range 18E of the Willamette Meridian
SE ¼ NE ¼ Section 29 Township 18N Range 18E of the Willamette Meridian
NE ¼ SE ¼ Section 29 Township 18N Range 18E of the Willamette Meridian
SE ¼ SE ¼ Section 29 Township 18N Range 18E of the Willamette Meridian
Ptn S1/2 SW ¼ Section 28 Township 18 Range 18E of the Willamette Meridian

2.2 Background
The site is currently permitted for mining under DNR reclamation permit #70010239. The plan is to expand the mine from 225.75 acres to an additional 58.0 acres making the mine a total of 283.75 acres. The purpose of the expansion is to maintain a constant supply of construction materials for the surrounding area. The subsequent uses are rural residential, Recreational, Industrial, Commercial and Wildlife enhancement. The final reclamation takes all of the uses into consideration. Given the zoning of the area it fits any or all of the uses described. The sinuous shorelines, peninsulas and land itself make for a premier reclamation project.
2.3 Mining operations

Sand and Gravel excavation is currently in progress at the permitted site. The extracted aggregates are used for residential, Commercial and civil construction throughout Kittitas County. Mining the 58 acres will be mined using the same practice of mining and reclamation as the current 225.75 acres that adjoins this parcel. Typically starting with removing the layers of Topsoil and sub soil in sequence of mining, it is then stored for reclamation. After stripping the soils to expose the Sand and Gravel, it will be mined and processed to the permitted depth of 90 feet. The mine is currently being mined dry. The expansion will be kept in the same practice. The Drainage from the expansion is to de water pasture ground from the previous owner of the expansion ground. This drainage will be diverted to other channels in the mine area to better suit mining practice.

The largest percentage of the Mine will be a lake. Because of this the Mine has a substantial amount of good topsoil. Topsoil will be sold from the mine but will retain a substantial amount for the reclamation of the shorelines and other areas.

2.4 Topography

The current and future undisturbed areas within the permit boundary consists of a flat topography presently being used as pasture ground. Some of the acreage in the proposed 58-acre expansion is being used temporarily by a local commercial ag company for hay storage. The vegetative cover consists of native pasture grass and sparse amounts of low shrubs. No streams or critical habitat are located within the expansion of, or immediately adjacent to it. A small man-made pond meant for livestock located on the proposed site (Exhibit map) will remain temporarily. When the mine advances to its location it will be taken away as part of the mining operation.
Ellensburg Cement Products  
P.O. Box 938  
Ellensburg WA 98926  
Narrative for expansion of Ivan Hutchinson pit # 70010239

3.0 Reclamation  
The sites subsequent uses are recreational, rural residential, commercial, industrial, Shoreline and wildlife enhancement. Following mining the site will be a reclaimed to a Pond/Lake with natural sinuous shorelines. The slopes will be contoured to current requirements at 2:1 to 3:1. In areas that have been grandfathered by pre 1971 mining will remain untouched throughout mining and reclamation. These areas are marked on map 2 as Existing operations. During reclamation the sediment pond on map 2 will be backfilled using both onsite materials such as silts, screened out materials from the crushing operation and / or clean off site non organic materials from construction sites. Re-vegetation will involve natural pasture grasses some tree plantings and ground cover and aquatic friendly species. Some organics such as logs and stumps if available may be hauled in from off site to help with the wildlife Habitat. Fill will only take place in the smaller ponds, not in the expansion area as seen on map 4. Some out buildings may be left on strategically placed areas to help with ongoing company operations.

3.1 Segmental mining  
The permit boundary is for 283.75 acres. As of last inspection 76.64 acres have been disturbed and 25.85 have been reclaimed (Exhibit map 3). All mining disturbances (previous and future) are included with in the 283.75  
The mining disturbance boundary includes all mining related operations including Excavation, Crushing, product stockpiles, topsoil stockpiles and haul roads. Pre 1971 mining slopes are shown on (Exhibit map 2) as existing operations; these pre 1971 walls will not be touched during any excavations present or future and will be left untouched during reclamation. All other areas not grandfathered in will be reclaimed to current standards.