



**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) CPM Development Corp.			
2. MAILING ADDRESS PO Box 3366, Spokane, WA 99220			
3. Telephone 509.534.6221		Email jana.mcdonald@na.crh.com	
4. NAME OF MINE Starr Road			
5. Street address and milepost of surface mine 8153 N Idaho Road Newman Lake, WA 99025			
6. Distance (miles) 0	7. Direction from Located In	8. Nearest community Newman Lake	
9. COUNTY Spokane No attachments will be accepted. Legal Description of permit area:			
1/4	Section	Township	Range
NW	25	26	45E
SW	25	26	45E
NE	25	26	45E
SE	25	26	45E
SE	24	26	45E
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? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no If you answered yes to the above, please list: See Attached List			
11. Are all of these mines now in compliance with RCW 78.44, WAC 332-18, and conditions of the permits? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no Have you ever had a surface mine operating or reclamation permit revoked? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no Have you ever had a reclamation security forfeited? <input type="checkbox"/> yes <input checked="" type="checkbox"/> 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.) 254 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: 190 acres. Area to be disturbed in next 36 months: 0-10 acres.	
14. Maximum vertical depth (thickness) mined below pre-mining topographic grade will be 110 feet.	
15. Lowest elevation of excavated mine will be 1995 feet relative to mean sea level. Highest elevation of excavated mine will be 2105 feet relative to mean sea level.	
16. Type of proposed or existing mine: <input checked="" type="checkbox"/> pit <input type="checkbox"/> quarry	
17. Material(s) to be mined: <input checked="" type="checkbox"/> sand and gravel <input type="checkbox"/> rock or stone <input type="checkbox"/> clay <input type="checkbox"/> metal <input type="checkbox"/> limestone <input type="checkbox"/> silica <input type="checkbox"/> other _____	
18. Deposit type: <input checked="" type="checkbox"/> glacial <input checked="" type="checkbox"/> river floodplain (alluvial) <input checked="" type="checkbox"/> river channel deposits <input type="checkbox"/> talus <input type="checkbox"/> bedrock <input type="checkbox"/> lode <input type="checkbox"/> other _____	
19. Expected start date of mining: Ongoing – permit revision	20. Estimated number of years: 50+
21. Total quantity to be mined over life of mine (estimated): 28,200,000 <input checked="" type="checkbox"/> tons or <input type="checkbox"/> cu yds	22. Estimated annual production: 75,000 <input checked="" type="checkbox"/> tons or <input type="checkbox"/> cu yds
23. Subsequent land use: <input checked="" type="checkbox"/> industrial <input type="checkbox"/> commercial <input type="checkbox"/> residential <input type="checkbox"/> agricultural <input type="checkbox"/> forestry <input type="checkbox"/> wetlands and lakes <input type="checkbox"/> other _____ County or Municipality Approval for Surface Mining (Form SM-6) attached? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	
24. Reclaimed elevation of floor of mine: 1995 feet relative to mean sea level Reclaimed elevation is shown on cross sections? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	
25. SEPA Checklist required? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	
26. Application fee for a new reclamation permit is herewith attached? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	

RECEIVED
January 8, 2025
Washington Geological Survey

APPLICATION FOR RECLAMATION PERMIT AND PLAN

22. SEGMENTAL RECLAMATION		
Permit area has been divided into segments for mining and a mining schedule has been developed?	<input checked="" type="checkbox"/>	yes <input type="checkbox"/> no
If no, explain:		
Permit area has been divided into segments for reclamation and a reclamation schedule has been developed?	<input checked="" type="checkbox"/>	yes <input type="checkbox"/> no
If no, explain:		
23. SITE PREPARATION		
23A. Saving Topsoil, Subsoil, and Overburden for Reclamation		
Thickness of topsoil is <u>2.0</u> feet	Thickness of subsoil is <u>0.0</u> feet	Depth to bedrock is <u>unknown</u> feet
Total volume of topsoil is <u>755,040</u> cubic yards	Total volume of subsoil is <u>0</u> cubic yards	
Volume of stored topsoil/subsoil is <u>245,227</u> cubic yards and will require <u>30</u> acres for storage.		
Storage areas are shown on maps and will be marked on the ground with permanent boundary markers?	<input checked="" type="checkbox"/>	yes <input type="checkbox"/> no
Topsoil will be salvaged?	<input checked="" type="checkbox"/>	yes <input type="checkbox"/> no
If no, explain:		
Topsoil and overburden will be moved to reclaim an adjacent depleted segment?	<input checked="" type="checkbox"/>	yes <input type="checkbox"/> no
If no, explain:		
Before materials are moved, vegetation will be cleared and drainage planned for soil storage areas?	<input checked="" type="checkbox"/>	yes <input type="checkbox"/> no
If no, explain:		
Soil storage areas will be stabilized with vegetation to prevent erosion if materials will be stored for more than one season?	<input checked="" type="checkbox"/>	yes <input type="checkbox"/> no
If no, explain:		
23B. Permit and Disturbed Area Boundaries		
Boundary of the permit area will be marked on the ground with permanent boundary markers?	<input checked="" type="checkbox"/>	yes <input type="checkbox"/> no
Explain boundary markers: Site is already fenced		
23C. Setbacks Screens and Buffers		
Are Screens required and are shown on maps?	<input checked="" type="checkbox"/>	yes <input type="checkbox"/> no
The reclamation setback for this site will be <u>50-1000</u> feet wide.		
Is a permanent, undisturbed buffer planned for this site?	<input checked="" type="checkbox"/>	yes <input type="checkbox"/> no
If no, explain:		
Setbacks and buffers are shown on maps and have been marked on the ground with permanent boundary markers?	<input checked="" type="checkbox"/>	yes <input type="checkbox"/> no
If no, explain:		
23D. Buffers to Protect Streams and Flood Plains		
Will the site include a stream or flood plain?	<input type="checkbox"/>	yes <input checked="" type="checkbox"/> no
If yes, see "Additional Requirements for Mines in Flood Plains" in "Instructions for SM-8A".		
If no, skip to 23E.		
A stream buffer of at least 200 feet has been marked on the ground with permanent boundary markers?	<input type="checkbox"/>	yes <input type="checkbox"/> no
A buffer of at least 200 feet from the 100-year flood plain has been marked on the ground with permanent boundary markers?	<input type="checkbox"/>	yes <input type="checkbox"/> no
If no, explain:		
Copy of Shoreline Permit from local government or the Department of Ecology is attached?	<input type="checkbox"/>	yes <input type="checkbox"/> no
Hydraulic Project Approval from the Department of Fish and Wildlife is attached?	<input type="checkbox"/>	yes <input type="checkbox"/> no

APPLICATION FOR RECLAMATION PERMIT AND PLAN

23E. Conservation Buffers	
Are there any conservation buffers?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
If no, skip to 23F	
Conservation buffers will be established for the following purpose(s): <i>(Check all that apply)</i> <input type="checkbox"/> unstable slopes <input checked="" type="checkbox"/> wildlife habitat <input type="checkbox"/> water quality <input type="checkbox"/> other	
Describe the nature and configuration of the conservation buffer(s): There is currently a 1000-foot setback on the west side of the property for Upland Sandpiper habitat. May be changed in the future.	
Conservation buffers are shown on maps and have been marked on the ground with permanent boundary markers?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
23F. Ground Water	
High water table depth is <u>1980</u> feet <input checked="" type="checkbox"/> relative to mean sea level, <input type="checkbox"/> below original surface, or <input type="checkbox"/> unknown. Low water table depth is <u>N/A</u> feet <input type="checkbox"/> relative to mean sea level, <input type="checkbox"/> below original surface, or <input checked="" type="checkbox"/> unknown. Annual fluctuation of water table is from <u>not known</u> feet on _____ to _____ feet on _____.	
Are well logs attached?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
The shallowest aquifer is <input type="checkbox"/> confined <input checked="" type="checkbox"/> unconfined	
The site will be mined: <input type="checkbox"/> wet <input checked="" type="checkbox"/> dry <input type="checkbox"/> both	
Describe mining method: Material will be excavated with a front end loader or excavator either directly into trucks or into a crushing plant. Mining depth will remain 10 feet above the groundwater elevation at all times.	
The site is in a: <input type="checkbox"/> critical aquifer recharge area <input checked="" type="checkbox"/> sole source aquifer <input type="checkbox"/> public water supply watershed <input checked="" type="checkbox"/> wellhead protection area <input type="checkbox"/> special protection area <input checked="" type="checkbox"/> designated aquifer protection area	
<i>If checked above, see "Additional Requirements for Mines in Hydrologically Sensitive Areas" in "Instructions for SM-8A".</i>	
Ground water study attached?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
If no, explain: NA	
23G. Archeology	
Are archeological/cultural resource sites present?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> 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?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
If "no", explain: Subsequent land use is industrial, so topsoil replacement is only required on pit slopes.	
Subsoil will be replaced to an approximate depth of <u>0</u> feet on the pit floor and a depth of <u>0</u> feet on slopes. Topsoil will be replaced to an approximate depth of <u>0</u> feet on the pit floor and a depth of <u>+/- 2</u> 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?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
If no, explain:	
Topsoil will be moved when conditions are not overly wet or dry?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
If no, explain:	
Topsoil will be restored to promote effective revegetation and to stabilize slopes and mine floor?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
If "no", explain:	
Topsoil will be replaced with equipment that will minimize compaction, or it will be plowed, disked, or ripped following placement?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
If no, explain:	

APPLICATION FOR RECLAMATION PERMIT AND PLAN

Topsoil will be immediately stabilized with grasses and legumes to prevent loss by erosion, slumping, or crusting? If no, explain:	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Segmental topsoil removal and replacement is shown on maps? If no, explain:	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Topsoil will be imported? If yes, describe source. According to the topsoil budget, it is estimated that there will excess topsoil, however, if additional topsoil is needed it will be imported from local construction sites. Estimated volume is <u>unknown</u> cubic yards.	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Synthetic topsoil made from compost, biosolids, or other amendments will be used and (or) made on site to supplement existing topsoil?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
Materials such as till, loess, and (or) silt are available on site that could be used to supplement topsoil for reclamation. If yes, explain:	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
Silt from settling ponds or a filter press will be used for reclamation?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
Settling pond clay slurries will be pumped or hauled to other segments for reclamation? If yes, explain:	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
24B. Removal of Vegetation	
Vegetation will be removed sequentially from areas to be mined to prevent unnecessary erosion? If no, explain:	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Small trees and other transplantable vegetation will be salvaged for use in revegetating other segments? If yes, give details. If no, explain: Existing vegetation is primarily grasses and shrubs	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
Wood and other organic debris will be: <input type="checkbox"/> recycled <input type="checkbox"/> removed from site <input type="checkbox"/> chipped <input type="checkbox"/> burned <input type="checkbox"/> buried <input checked="" type="checkbox"/> used to synthesize topsoil or mulch <input type="checkbox"/> other (<i>explain</i>)	
Solid waste disposal, burning, and land use permits are attached?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
Some coarse wood (logs, stumps) and other large debris will be salvaged for fish and wildlife habitats? If yes, give details. If no, explain: No large trees currently exist on site	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
24C. Stormwater and Erosion control for Reclamation	
Pit floor will slope at gentle angles toward highwall, sediment retention pond, or proper drainage? If yes, give details. If no, explain: Pit floor will contain all stormwater and will be sloped towards highwalls to contain runoff and allow collected water to percolate into the ground	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Revegetation, sheeting, and (or) matting will be used to protect areas susceptible to erosion? If yes, give details. If no, explain: Proper protection will be put in place in erosion prone areas	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Water control systems used during segmental reclamation will:	
Divert clean water around pit?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Trap sediment-laden runoff before it enters a stream?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Be established to prevent erosion of setbacks and neighboring properties?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Be removed or reclaimed?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
If any answers are no, explain:	
Stormwater system design will be capable of carrying the peak flow of the 25-year, 24-hour precipitation event? (<i>Data are available at the National Oceanic And Atmospheric Administration (NOAA)</i>)	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
If yes, are calculations attached? If yes, give details. If no, explain: See Attached Calculations	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no

APPLICATION FOR RECLAMATION PERMIT AND PLAN

Natural and other drainage channels will be kept free of equipment, wastes, stockpiles, and overburden? If no, explain:	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
25. RECLAMATION TOPOGRAPHY	
25A. Final Slopes	
Final slopes will be created using the cut-and-fill method? Explain procedure to be used:	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
Slopes will be created by mining to the final slope using the cut method? Explain procedure to be used: Slopes will be cut to final grade during mining.	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Slopes will vary in steepness? If no, explain:	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Slopes will have a sinuous appearance in both profile and plan view? If no, explain:	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Large rectilinear (that is, right angle, or straight, planar) areas will be eliminated? If no, explain:	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Where reasonable, tracks of the final equipment pass will be preserved and oriented to trap moisture, soil, and seeds, and to inhibit erosion? If no, explain:	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
25B. Slope Requirements for Pits and Overburden/Waste Rock Dumps (non-saleable products)	
<i>If the mine is a quarry or in hard rock, skip to Quarry section (25C).</i>	
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? If no, explain:	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
For pits, slopes will not exceed 2 feet horizontal to 1 foot vertical except as necessary to blend with adjacent natural slopes? Give details: Final reclamation slopes will vary in steepness to blend with local topography.	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
<i>Review "Additional Requirements for Mines with Steep or Potentially Unstable Slopes" in "Instructions for SM-8A".</i>	
Slope stability analysis required? If yes, attach analysis.	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
25C. Slope Requirements for Quarries and Hardrock Metal Mines	
<i>If mine is a pit in unconsolidated materials covered by Section 25B, go to Section 25D</i>	
Check the appropriate box(es)	
<input type="checkbox"/> Slopes will not exceed 2 feet horizontal to 1 foot vertical.	
<input type="checkbox"/> Slopes steeper than 1 foot horizontal to 1 foot vertical are an acceptable subsequent land use as confirmed on Form SM-6.	
<input type="checkbox"/> 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.	
<input type="checkbox"/> 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.	
<i>Review "Additional Requirements for Mines with Steep or Potentially Unstable Slopes" in "Instructions for SM-8A".</i>	
Slope stability analysis required? If yes, attach analysis.	<input type="checkbox"/> yes <input type="checkbox"/> no
Measures will be taken to limit access to the top and bottom of hazardous slopes? Describe measures, or if no, explain:	<input type="checkbox"/> yes <input type="checkbox"/> no

APPLICATION FOR RECLAMATION PERMIT AND PLAN

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? Blasting plan attached? If no, explain:	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> yes <input type="checkbox"/> no
Reclamation blasting will be used to reduce the entire highwall to a scree or rubble slope less than 2 feet horizontal to 1 foot vertical? Blasting plan is attached? If no, explain:	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> yes <input type="checkbox"/> no
Access to benches will be maintained for reclamation blasting? If no, explain:	<input type="checkbox"/> yes <input type="checkbox"/> no
Small portions of benches will be left to provide habitat for raptors and other cliff-dwelling birds?	<input type="checkbox"/> yes <input type="checkbox"/> no
25D. Backfilling	
The site will require backfilling? If no, skip to 25E. Maximum depth of backfilling is _____ feet.	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
Backfill will be <input type="checkbox"/> onsite materials <input type="checkbox"/> imported materials <input type="checkbox"/> both Provide a written screening method that ensures importation of acceptable soil for reclamation.	<input type="checkbox"/> yes <input type="checkbox"/> no
Backfilling plan is attached? If no, explain:	<input type="checkbox"/> yes <input type="checkbox"/> no
Backfill stockpiles are shown on maps and will be marked on the ground with markers?	<input type="checkbox"/> yes <input type="checkbox"/> no
All grading/backfilling will be done with non-noxious, non-combustible, and relatively incompactible solids? If no, explain:	<input type="checkbox"/> yes <input type="checkbox"/> no
Backfill will require compaction? If no, explain:	<input type="checkbox"/> yes <input type="checkbox"/> no
Will you be backfilling to create slopes? Is slope stability analysis attached? If no, explain.	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> yes <input type="checkbox"/> no
25E. Mine Floors	
Flat areas will be formed into gently rolling mounds? If yes, give details. If no, explain: Subsequent use is industrial, pit floor will be graded flat to maximize usable space.	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
Mine floor will be gently graded into sinuous drainage channels to preclude sheetwash erosion during intense precipitation? If yes, give details. If no, explain: Subsequent use is industrial, pit floor will be graded flat to maximize usable space.	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
Mine floor and other compacted areas will be bulldozed, plowed, ripped, or blasted to foster revegetation? If yes, give details. If no, explain: All compacted areas will be ripped during reclamation.	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
25F. Lakes, Ponds, and Wetlands	
Is water currently present in the area or will the mining penetrate the water table? If no, go to Section 25G.	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
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? If yes, give details. If no, explain:	<input type="checkbox"/> yes <input type="checkbox"/> no
If not already present, soils, silts, and clay-bearing material will be placed below water level to enhance revegetation? If yes, give details. If no, explain:	<input type="checkbox"/> yes <input type="checkbox"/> no

APPLICATION FOR RECLAMATION PERMIT AND PLAN

Some parts of pond and lake banks will be shaped so that a person can escape from the water?	<input type="checkbox"/> yes	<input type="checkbox"/> no
Armored spillways or other measures to prevent undesirable overflow or seepage will be provided to stabilize bodies of water and adjacent slopes? If yes, give details. If no, explain:	<input type="checkbox"/> yes	<input type="checkbox"/> no
Wildlife habitat will be developed, incorporating such measures as:		
Sinuous and irregular shorelines?	<input type="checkbox"/> yes	<input type="checkbox"/> no
Varied water depths?	<input type="checkbox"/> yes	<input type="checkbox"/> no
Shallow areas less than 18 inches deep?	<input type="checkbox"/> yes	<input type="checkbox"/> no
Islands and peninsulas?	<input type="checkbox"/> yes	<input type="checkbox"/> no
Give details:		
Ponds or basins will:		
Be located in stable areas?	<input type="checkbox"/> yes	<input type="checkbox"/> no
Have sufficient volume for expected runoff?	<input type="checkbox"/> yes	<input type="checkbox"/> no
Have an emergency overflow spillway?	<input type="checkbox"/> yes	<input type="checkbox"/> no
Spillways and outfalls will be protected (for example, rock armor) to prevent failure and erosion?	<input type="checkbox"/> yes	<input type="checkbox"/> 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? If yes, give details. If no, explain:	<input type="checkbox"/> yes	<input type="checkbox"/> no
Written approval from other agencies with jurisdiction to regulate impoundment of water is attached? If no, explain:	<input type="checkbox"/> yes	<input type="checkbox"/> no
25G. Final Drainage Configuration		
Drainages will be constructed on each reclaimed segment to control surface water, erosion, and siltation? Result in essentially natural conditions of volume, velocity, and turbidity? Clean runoff is directed to a safe outlet? If yes, give details. If no, explain: All runoff will be contained in the pit and allowed to percolate into the ground	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
Are these shown on maps?	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
26. SITE CLEANUP AND PREPARATION FOR REVEGETATION		
26A. Dealing with Hazardous Materials		
Hazardous materials are present at the mine site? <i>If no, go to Section 26B</i> The final ground surface drains away from any hazardous natural materials? If yes, give details. If no, explain:	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Plan for handling hazardous mineral wastes indigenous to the site is attached? If no, written approval from all appropriate solid waste regulatory agencies attached?	<input type="checkbox"/> yes	<input type="checkbox"/> no
26B. Removal of Debris		
All debris (garbage, 'bone piles', treated wood, old mining equipment, etc.) will be removed from the mine site? All sheds, scale houses, and other structures will be removed from the site? If either answer is yes, give details. If no, explain: All equipment and structures will be removed as a part of site reclamation. Compacted and high traffic areas will be ripped.	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
27. REVEGETATION		
The mine site is in:	<input checked="" type="checkbox"/> eastern Washington	<input type="checkbox"/> western Washington
The average precipitation is 18 inches per year.	Revegetation area is: <input type="checkbox"/> wet <input checked="" type="checkbox"/> dry <input type="checkbox"/> both	

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: **Recommended planting procedures will be used for selected plant varieties**

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: **Slopes will be graded and seeded as needed, but the pit floor will not be seeded as the subsequent land use is industrial.**

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

- | | | | |
|--|--|--|---|
| <input type="checkbox"/> alfalfa* | <input type="checkbox"/> lupine* | <input type="checkbox"/> clover* | <input type="checkbox"/> orchard grass |
| <input type="checkbox"/> cereal rye | <input type="checkbox"/> perennial rye | <input type="checkbox"/> colonial bent grass | <input type="checkbox"/> ponderosa pine |
| <input type="checkbox"/> creeping red fescue | <input type="checkbox"/> red alder* | <input type="checkbox"/> Douglas fir | <input type="checkbox"/> shore pine |
| <input type="checkbox"/> ground cover | <input type="checkbox"/> shrubs | <input type="checkbox"/> other | |

Western Washington Wet Areas

- | | | | |
|--|--|--|---------------------------------|
| <input type="checkbox"/> birdsfoot trefoil | <input type="checkbox"/> sedges | <input type="checkbox"/> cedar | <input type="checkbox"/> tubers |
| <input type="checkbox"/> cottonwood | <input type="checkbox"/> wetland grasses | <input type="checkbox"/> creeping red fescue | <input type="checkbox"/> willow |
| <input type="checkbox"/> red alder* | <input type="checkbox"/> other | | |

Eastern Washington Dry Areas

- | | | | |
|---|---|-----------------------------------|---|
| <input type="checkbox"/> alder* | <input checked="" type="checkbox"/> grasses | <input type="checkbox"/> alfalfa* | <input type="checkbox"/> juniper |
| <input type="checkbox"/> black locust | <input type="checkbox"/> lodgepole pine | <input type="checkbox"/> clover | <input type="checkbox"/> lupine* |
| <input type="checkbox"/> deciduous trees | <input type="checkbox"/> ponderosa pine | <input type="checkbox"/> shrubs | <input type="checkbox"/> deep-rooted ground cover |
| <input type="checkbox"/> diverse evergreens | <input type="checkbox"/> other | | |

Eastern Washington Wet Areas

- | | | | |
|---------------------------------------|-------------------------------------|---------------------------------|---------------------------------|
| <input type="checkbox"/> alder* | <input type="checkbox"/> cottonwood | <input type="checkbox"/> poplar | <input type="checkbox"/> sedges |
| <input type="checkbox"/> serviceberry | <input type="checkbox"/> tubers | <input type="checkbox"/> willow | |
| <input type="checkbox"/> other | | | |

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

The slopes will be seeded with native grasses in the fall to increase the chances of germination. The areas to be vegetated will be hydroseeded. The slopes will be seeded in accordance with the Spokane County specifications for erosion control.

Describe weed control plan:

Noxious weeds will be controlled as required by Spokane County.

27B. Planting Techniques

Revegetation at this site will require:

- | | | |
|--|------------------------------|--|
| Ripping and tilling? | <input type="checkbox"/> yes | <input checked="" type="checkbox"/> no |
| Blasting to create permeability? | <input type="checkbox"/> yes | <input checked="" type="checkbox"/> no |
| Mulching? | <input type="checkbox"/> yes | <input checked="" type="checkbox"/> no |
| Irrigation? | <input type="checkbox"/> yes | <input checked="" type="checkbox"/> no |
| Fertilization? | <input type="checkbox"/> yes | <input checked="" type="checkbox"/> no |
| Importation of clay- or humus-bearing soils? | <input type="checkbox"/> yes | <input checked="" type="checkbox"/> no |
| Other soil conditioners or amendments? | <input type="checkbox"/> yes | <input checked="" type="checkbox"/> no |

Give details: **Perimeter slopes shall be covered with topsoil and provided with sinuous appearance using tracked equipment. Seeding, fertilizing and mulch will be applied as needed. Temporary irrigation may be used if necessary to initiate growth. Subsequent use is industrial.**

APPLICATION FOR RECLAMATION PERMIT AND PLAN

Trees and shrubs will be planted in topsoil or in subsoil amended with generous amounts of organic matter? If yes, give details. If no, explain: Not applicable as the approved subsequent use is industrial.	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Mulch will be piled around the base of trees and shrubs?	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
High quality stock will be used?	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Trees and shrubs will be planted while they are dormant?	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Stock will be properly handled, kept cool and moist, and planted as soon as possible?	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Seeds will be covered with topsoil or mulch no deeper than one-half inch?	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
If any answers are no, explain: Not applicable to post mining land use of industrial – future development may include plantings but not a part of this reclamation plan.		
28. FINAL CHECKLIST		
All required maps are attached? (<i>See “Instructions for SM-8A” for detailed requirements.</i>)	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
All required cross sections are attached? (<i>See “Instructions for SM-8A” for detailed requirements.</i>)	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
Geologic map attached (if required)? (<i>See “Instructions for SM-8A” for detailed requirements.</i>)	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
All documents submitted have the date, the name and address of the permit holder, and the application number?	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
Have you completed the SM-6 and has it been signed by the local jurisdiction?	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
Have you provided the SEPA checklist?	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
Have you provided a copy of the SEPA determination (DNS, MDNS, or DS)?	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
Have you attached photographs (as needed)?	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Are additional supplemental studies included?	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
If yes, check the appropriate box(es) below:		
<input type="checkbox"/> Archeological	<input type="checkbox"/> Geohydrologic	<input type="checkbox"/> Backfill
<input type="checkbox"/> Topsoil	<input type="checkbox"/> Flood plain	<input type="checkbox"/> Conservational
<input type="checkbox"/> Other		<input type="checkbox"/> Slope stability
		<input type="checkbox"/> Vegetation
Other permits required? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no		
If yes, check the appropriate box(es) below:		
<input type="checkbox"/> Shoreline Permit	<input type="checkbox"/> Water Discharge Permit	<input type="checkbox"/> Solid Waste Permit
<input type="checkbox"/> Air Quality Permit	<input type="checkbox"/> NPDS or General Discharge Permit	<input type="checkbox"/> Hydraulic Project Approval
<input type="checkbox"/> Special or Conditional Use Permit	<input type="checkbox"/> 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): Jeremiah Lemons, VP CPM Development Corp.

Address(es): 5111 E Broadway, Spokane, WA 99212

RECEIVED
January 8, 2025
Washington Geological Survey

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.*

APPLICANT Signature of surface mine permit applicant or applicant's company representative 	Name and Title of Company Representative (Please print) Jana McDonald Resource & Environmental Director	Date signed <div style="text-align: center; font-size: 1.5em;">12/18/ 2023</div>
--	--	---

LANDOWNER(S)

As landowner, I Jeremiah Lemons, VP CPM Development Corp (name) authorize the applicant to extract minerals from my land using surface mining methods and I approve this reclamation plan.

Signature: Date signed: 12/18/2023

FOR DEPARTMENTAL USE ONLY			
Date accepted	Accepted by:	Title:	Reclamation Permit No. 70-012720

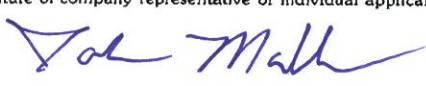
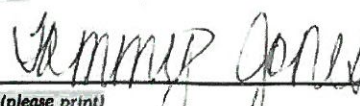
3/10/2023

Site	Permit No.
CPM Spokane area sites	
Sullivan/Flora	70-011179
Crestline	70-010415
Mead Logan	70-012873
Perry Quarry	70-010228
Starr Rd.	70-012720
Fred Brown	70-013205
Hayford Pit	70-012085
Hawthorne - Sicilia	70-013246
Key Rock	70-013074
Interstate Spokane Area Sites	
Elk Gravel Pit - Leeson #1	70-012312
Elk Sand Pit	70-012949
Elk Pit - SRP	70-012626
Colville Spanish Prairie	70-012268
CPM Basin Sites	
Richland	70-010316
East Valley/Riverside	70-011513
Toppenish	70-013009
Interstate Basin - ARP sites	
Richland Wye	70-010158
Hampton Road	70-013056
Ephrata	70-010255
Orondo	70-012875
Rock Island	70-012672
Palisades	70-012750
Wapato	70-013075
AK Anderson	70-012801
Rest Haven	70-012908
Berryman	70-012702
Hanford	70-012968
Hospital	70-011560
Kiona	70-011824
Pasco	70-010311
Whitcomb	70-010947
Hatch	70-013227
Interstate - Hood River Sites	
Smith Dallesport	70-011393
North Smith Dallesport	70-011367
ICON site	
BAYDO PIT	70-010269



WASHINGTON STATE DEPT OF
**NATURAL
RESOURCES**

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

NAME OF COMPANY OR INDIVIDUAL APPLICANT(S) Same as name of the exploration permit holder. (Type or print in ink.) <p style="text-align: center;">CPM Development Corp</p>		TOTAL ACREAGE AND DEPTH OF PERMIT AREA (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 <u>254</u> acres Maximum vertical depth below pre-mining topographic grade is <u>110</u> feet Maximum depth of excavated mine floor is <u>1995</u> feet relative to mean sea level																																
MAILING ADDRESS <p style="text-align: center;">PO Box 3366 Spokane, WA 99220</p>		COUNTY <u>Spokane</u> No attachments will be accepted. Legal description of permit area:																																
Telephone		<table border="1"> <thead> <tr> <th>1/4</th> <th>1/4</th> <th>Section</th> <th>Township</th> <th>Range</th> </tr> </thead> <tbody> <tr> <td>NW, NE</td> <td>SW</td> <td>25</td> <td>26N</td> <td>45E</td> </tr> <tr> <td>NW</td> <td>SE</td> <td>25</td> <td>26N</td> <td>45E</td> </tr> <tr> <td>all</td> <td>NE</td> <td>25</td> <td>26N</td> <td>45E</td> </tr> <tr> <td>NE, SE, SW</td> <td>NW</td> <td>25</td> <td>26N</td> <td>45E</td> </tr> <tr> <td>SE</td> <td>SE</td> <td>24</td> <td>26N</td> <td>45E</td> </tr> </tbody> </table>			1/4	1/4	Section	Township	Range	NW, NE	SW	25	26N	45E	NW	SE	25	26N	45E	all	NE	25	26N	45E	NE, SE, SW	NW	25	26N	45E	SE	SE	24	26N	45E
1/4	1/4	Section	Township	Range																														
NW, NE	SW	25	26N	45E																														
NW	SE	25	26N	45E																														
all	NE	25	26N	45E																														
NE, SE, SW	NW	25	26N	45E																														
SE	SE	24	26N	45E																														
Proposed subsequent use of site upon completion of reclamation <p style="text-align: center;">Industrial</p>		<p>RECEIVED November 19, 2024 Washington Geological Survey</p>																																
Signature of company representative or individual applicant(s) 		Name and title of company representative (please print) <p style="text-align: center;">John Mandler - General Mgr.</p>		Date signed <p style="text-align: center;">11/19/24</p>																														
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?				<table border="1"> <tr> <th>Yes</th> <th>No</th> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table>	Yes	No	<input checked="" type="checkbox"/>	<input type="checkbox"/>																										
Yes	No																																	
<input checked="" type="checkbox"/>	<input type="checkbox"/>																																	
2. Is the proposed subsequent use of the land after reclamation consistent with the local land-use plan/designation?				<table border="1"> <tr> <th>Yes</th> <th>No</th> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table>	Yes	No	<input checked="" type="checkbox"/>	<input type="checkbox"/>																										
Yes	No																																	
<input checked="" type="checkbox"/>	<input type="checkbox"/>																																	
When complete, return this form to the Department of Natural Resources.																																		
Name of planning director or administrative official (please print) <p style="text-align: center;">TAMMY JONES</p>		Address <p style="text-align: center;">Spokane County Department of Building and Planning 1026 W Broadway Ave Spokane, WA 99260</p>																																
Signature 																																		
Title (please print) <p style="text-align: center;">PLANNING MANAGER</p>																																		
Telephone <p style="text-align: center;">(509) 477-7225</p>		Date <p style="text-align: center;">11/8/24</p>		DNR Reclamation Permit No. <p style="text-align: center;">70-012720</p>																														
FOR DEPARTMENT USE ONLY:																																		

**Reclamation Plan Narrative
Starr Road Mine Permit No. 70-012720**

Introduction:

CPM Development Corp. (dba Central Pre-Mix (CPM)) has prepared a revised reclamation plan for the Starr Rd Mine located at 8153 N Idaho Road in Newman Lake in Spokane County, Washington. The reclamation plan has the following objectives:

- Maximize sand and gravel removal in conjunction with reclamation criteria
- Reclaim site to accommodate for industrial use after mining is completed

The following narrative and drawings exhibit the reclamation plan in response to the above objectives.

Site Background Information

CPM is revising an existing reclamation permit for sand and gravel removal from site. 45.5 acres of land were sold in the southeast corner of the property and the permit revision removes this area from the permit. No changes in mining methodology are associated with the permit revision. A new SEPA checklist has been submitted to the DNR in conjunction with this application. Elevations were derived from USGS topo maps, natural surface elevations on site range from 2080 to 2105 feet above MSL.

Mining Plan

Mining operations are on-going at the Starr Road site. Sand and gravel is removed from the mining face with a front-end loader and either loaded directly onto trucks or fed into a crusher. All production requiring a crusher or wash plant has been serviced with a portable crusher and wash plant that can be moved to site and connected to grid power, however, a permanent plant may be constructed on site in the future. The site is also permitted for a concrete batch plant which has yet to be constructed. The permit revision is also adding the operation of a hot mix asphalt plant on site. Mining will be completed in 6 phases as shown on the attached map. Mining operations will remain 10 feet above the maximum groundwater elevation.

Reclamation Plan

Mining and reclamation will occur in 6 phases, with reclamation beginning immediately following the completion of mining in each phase. The existing permit defines an industrial subsequent land use. Therefore, the pit floor will be graded flat and left unseeded. Pit slopes will be graded to a 2H:1V or gentler slope and reseeded to prevent erosion. Topsoil will be spread across pit slopes at a depth of 2-feet ahead of reseeded. Excess topsoil will be sold or transported to another mine site in the region for reclamation.

RECEIVED
April 10, 2024
Washington Geological Survey