



**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) Pyramid Materials, Inc			
2. MAILING ADDRESS PO BOX 3337, Renton, WA 98056			
3. Telephone 425-254-1820 Email LANCE@PYRAMIDMATERIALS.COM			
4. NAME OF MINE DICKEY PIT			
5. Street address and milepost of surface mine 8855 DICKEY RD NW, SILVERDALE, WA 98383			
6. Distance (miles) 1 MILE	7. Direction from WEST	8. Nearest community SILVERDALE	
9. COUNTY KITSAP No attachments will be accepted. Legal Description of permit area:			
1/4	Section	Township	Range
NW	19	25N	1E
NE	19	25N	1E
SW	19	25N	1E
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: HAZEN QUARRY #70-012652			
11. Are all of these mines now in compliance with RCW 78.44, WAC 332-18, and conditions of the permits? <input type="checkbox"/> yes <input checked="" 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): HAZEN QUARRY 70-012652			

12. TOTAL ACREAGE OF PERMIT AREA APPLIED FOR: (Include all acreage to be permitted. See Form SM-6.) 104.6 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: 104.6 acres. Area to be disturbed in next 36 months: 60 acres.	
14. Maximum vertical depth (thickness) mined below pre-mining topographic grade will be 250 feet.	
15. Lowest elevation of excavated mine will be 280 feet relative to mean sea level. Highest elevation of excavated mine will be 540 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 type="checkbox"/> river floodplain (alluvial) <input 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: Mine is on-going	20. Estimated number of years: 44
21. Total quantity to be mined over life of mine (estimated): 14.6 M <input type="checkbox"/> tons or <input checked="" type="checkbox"/> cu yds	22. Estimated annual production: 333,333 <input checked="" type="checkbox"/> tons or <input type="checkbox"/> cu yds
23. Subsequent land use: <input checked="" type="checkbox"/> industrial <input checked="" 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: 520 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	

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January 7, 2025
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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 1-2 feet	Thickness of subsoil is 5-40 feet	Depth to bedrock is Unknown feet
Total volume of topsoil is 275,000 cubic yards	Total volume of subsoil is 150,000 cubic yards	
Volume of stored topsoil/subsoil is 150,000 cubic yards and will require 1 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: Boundary is marked by a fence and flags.		
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 50 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

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23E. Conservation Buffers	
Are there any conservation buffers?	<input type="checkbox"/> yes <input checked="" 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 type="checkbox"/> wildlife habitat <input type="checkbox"/> water quality <input type="checkbox"/> 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?	<input type="checkbox"/> yes <input type="checkbox"/> no
23F. Ground Water	
High water table depth is <u>145</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>125</u> feet <input checked="" type="checkbox"/> relative to mean sea level, <input type="checkbox"/> below original surface, or <input type="checkbox"/> unknown. Annual fluctuation of water table is from <u>125</u> feet on <u>msl</u> to <u>145</u> feet on <u>msl</u> .	
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:	
The site is in a: <input checked="" type="checkbox"/> critical aquifer recharge area <input 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 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 checked="" type="checkbox"/> yes <input type="checkbox"/> no
If no, explain:	
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:	
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>0.5</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 placed on slopes only. A large pad will be created for industrial purposes. The large pad created will not be revegetated and will be utilized for industrial activities throughout the reclamation process.	
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:	

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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. If necessary site will import topsoil from nearby sources to achieve reclamation. Estimated volume is <u>23,000</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 checked="" type="checkbox"/> yes <input 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: Available till will be incorporated when acceptable.	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Silt from settling ponds or a filter press will be used for reclamation?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Settling pond clay slurries will be pumped or hauled to other segments for reclamation? If yes, explain: Ponds will periodically be cleaned of settled fines. These materials will be dried on-site and used as part of the backfill for final reclamation. Very little clay is anticipated.	<input checked="" type="checkbox"/> yes <input 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: Available vegetation will be moved from other sections and transplanted for reclamation when available.	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Wood and other organic debris will be: <input checked="" type="checkbox"/> recycled <input checked="" type="checkbox"/> removed from site <input checked="" type="checkbox"/> chipped <input type="checkbox"/> burned <input checked="" 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: Where possible large debris will be stored separately and strategically placed during reclamation for animal habitat.	<input checked="" type="checkbox"/> yes <input 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: See plans for details. Final reclaimed slopes and pad will slope toward on-site drainage channels and infiltration ponds.	<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: Site will be revegetated according to the Reclamation Plans.	<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:	

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Stormwater system design will be capable of carrying the peak flow of the 25-year, 24-hour precipitation event? (Data are available at the National Oceanic And Atmospheric Administration (NOAA)) If yes, are calculations attached? If yes, give details. If no, explain: See attached Stormwater Calculations and Reclamation Plans for stormwater details.	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> yes <input type="checkbox"/> no
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: The site will be backfilled and brought up to original grade. Final slopes will be gradual from the top of the pad down to stay consistent with the surrounding topography.	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Slopes will be created by mining to the final slope using the cut method? Explain procedure to be used: Site will be backfilled with local clean import according to the Geotechnical Report completed by GeoResources, Inc.	<input type="checkbox"/> yes <input checked="" 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: See Reclamation Plans for details. The site will be backfilled to its natural grade.	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Review "Additional Requirements for Mines with Steep or Potentially Unstable Slopes" in "Instructions for SM-8A".	
Slope stability analysis required? If yes, attach analysis.	<input checked="" type="checkbox"/> yes <input 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.	
Review "Additional Requirements for Mines with Steep or Potentially Unstable Slopes" in "Instructions for SM-8A".	

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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
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 <u>250</u> feet.	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Backfill will be <input type="checkbox"/> onsite materials <input type="checkbox"/> imported materials <input checked="" type="checkbox"/> both Provide a written screening method that ensures importation of acceptable soil for reclamation.	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Backfilling plan is attached? If no, explain:	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Backfill stockpiles are shown on maps and will be marked on the ground with markers?	<input checked="" 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 checked="" type="checkbox"/> yes <input type="checkbox"/> no
Backfill will require compaction? If no, explain:	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Will you be backfilling to create slopes? Is slope stability analysis attached? If no, explain.	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input checked="" 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: The mine floor will be brought up to natural grade and reclaimed to a large industrial pad that will be gently sloped to direct water to the channels and infiltration ponds.	<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: The mine floor will be brought up to natural grade and reclaimed to a large industrial pad that will be gently sloped to direct water to the channels and infiltration ponds. See Reclamation Plans for full details on pad grading, stormwater drainage, and revegetation of site.	<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: The mine floor will be brought up to natural grade and reclaimed to a large industrial pad that will be gently sloped to direct water to the channels and infiltration ponds. See Reclamation Plans for full details on pad grading, stormwater drainage, and revegetation of site. Slopes will be reclaimed according to the Revegetation Plans within the Reclamation Plans.	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no

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25F. Lakes, Ponds, and Wetlands	
Is water currently present in the area or will the mining penetrate the water table? <i>If no, go to Section 25G.</i>	<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
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? Varied water depths? Shallow areas less than 18 inches deep? Islands and peninsulas? Give details:	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> yes <input type="checkbox"/> no
Ponds or basins will: Be located in stable areas? Have sufficient volume for expected runoff? Have an emergency overflow spillway? Spillways and outfalls will be protected (for example, rock armor) to prevent failure and erosion? If any answers are no, explain:	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> yes <input type="checkbox"/> no
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 stormwater stays on-site and is directed to channels and two on-site infiltration ponds.	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Are these shown on maps?	<input checked="" type="checkbox"/> yes <input 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>	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
The final ground surface drains away from any hazardous natural materials? If yes, give details. If no, explain:	<input type="checkbox"/> yes <input 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 <input type="checkbox"/> yes <input type="checkbox"/> no

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26B. Removal of Debris	
All debris (garbage, 'bone piles', treated wood, old mining equipment, etc.) will be removed from the mine site?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
All sheds, scale houses, and other structures will be removed from the site?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
If either answer is yes, give details. If no, explain: Site will be cleared and prepared for the subsequent Industrial Use. If any onsite structures or equipment are intended for subsequent use they will remain or be brought back on-site. Infrastructure will move on-site as the site will be backfilled and the site changes through each phase. Installed utilities and surface water management facilities will continue to be maintained as needed as the site is backfilled. Maintenance will occur through the phasing process.	
27. REVEGETATION	
The mine site is in: <input type="checkbox"/> eastern Washington <input checked="" type="checkbox"/> western Washington	Revegetation area is: <input type="checkbox"/> wet <input checked="" type="checkbox"/> dry <input type="checkbox"/> both
The average precipitation is 39-52 inches per year.	
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?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
If yes, give details. If no, explain: See Revegetation Plans within the Reclamation Plans for details.	
The site will not be revegetated because:	
<input type="checkbox"/> It is a rural area with a rainfall exceeding 30 inches annually and erosion will not be a problem (requires approval of DNR). <input checked="" type="checkbox"/> Revegetation is inappropriate for the approved subsequent use of this surface mine.	
Explain: All slopes will be revegetated according to the Reclamation Plans. The large pad will not be revegetated due to the subsequent use.	
27A. Recommended Pioneer Species	
In the Sections below, check the species that will be planted at your mine site: <i>* indicates nitrogen-fixing species</i>	
Western Washington Dry Areas	
<input type="checkbox"/> alfalfa* <input type="checkbox"/> lupine* <input checked="" type="checkbox"/> clover* <input type="checkbox"/> orchard grass <input type="checkbox"/> cereal rye <input checked="" type="checkbox"/> perennial rye <input checked="" type="checkbox"/> colonial bent grass <input type="checkbox"/> ponderosa pine <input checked="" type="checkbox"/> creeping red fescue <input checked="" type="checkbox"/> red alder* <input checked="" type="checkbox"/> Douglas fir <input type="checkbox"/> shore pine <input checked="" type="checkbox"/> ground cover <input checked="" 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 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): Site will be revegetated according to the Revegetation Plans within the Reclamation Plans.	
Describe weed control plan: Noxious weeds will be monitored and removed per the Revegetation Plans.	

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27B. Planting Techniques	
Revegetation at this site will require:	
Ripping and tilling?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Blasting to create permeability?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
Mulching?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Irrigation?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
Fertilization?	<input checked="" type="checkbox"/> yes <input 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: See Revegetation Plans within the Reclamation Plans for details on soil preparation.	
Trees and shrubs will be planted in topsoil or in subsoil amended with generous amounts of organic matter?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
If yes, give details. If no, explain: Will use BMP's to ensure trees and shrubs survive. See Revegetation Plans within the Reclamation Plans for details.	
Mulch will be piled around the base of trees and shrubs?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
High quality stock will be used?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Trees and shrubs will be planted while they are dormant?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Stock will be properly handled, kept cool and moist, and planted as soon as possible?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Seeds will be covered with topsoil or mulch no deeper than one-half inch?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
If any answers are no, explain:	
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 checked="" type="checkbox"/> yes <input 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 type="checkbox"/> yes <input checked="" type="checkbox"/> no
Have you attached photographs (as needed)?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
Are additional supplemental studies included?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
If yes, check the appropriate box(es) below:	
<input type="checkbox"/> Archeological	<input checked="" type="checkbox"/> Geohydrologic
<input type="checkbox"/> Topsoil	<input type="checkbox"/> Flood plain
<input type="checkbox"/> Other	<input checked="" type="checkbox"/> Backfill
	<input type="checkbox"/> Conservational
	<input checked="" type="checkbox"/> Slope stability
	<input type="checkbox"/> Vegetation
Other permits required? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	
If yes, check the appropriate box(es) below:	
<input type="checkbox"/> Shoreline Permit	<input type="checkbox"/> Water Discharge Permit
<input checked="" type="checkbox"/> Air Quality Permit	<input checked="" type="checkbox"/> NPDS or General Discharge Permit
<input checked="" type="checkbox"/> Special or Conditional Use Permit	<input type="checkbox"/> Solid Waste Permit
	<input type="checkbox"/> Other
	<input type="checkbox"/> Hydraulic Project Approval

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):

PyrMat Holdings, LLC – Lance Despain, Owner/President

Address(es):

PyrMat Holdings, LLC
PO BOX 3337
Renton, WA 98056

RECEIVED
January 7, 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



Lance Despain (Jul 8, 2024 16:20 PDT)

Name and Title of Company Representative
(Please print)

Lance Despain

Date signed

07/08/2024

LANDOWNER(S)

As landowner, I Lance Despain (name) authorize the applicant to extract minerals from my land using surface mining methods and I approve this reclamation plan.

Signature:

Date signed:



07/08/2024

Lance Despain (Jul 8, 2024 16:20 PDT)

FOR DEPARTMENTAL USE ONLY

Date accepted

Accepted by:

Title:

Reclamation Permit No.

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): Attn: Molly Foster
Kitsap County Public Works/Roads Division

Address(es):
Kitsap County Public Works
614 Division Street, MS-26
Port Orchard, WA 98366-4699

RECEIVED
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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.
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- **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)

Molly Foster
Real Estate Services Manager

Date signed

3/26/24

LANDOWNER(S)

As landowner, I Molly Foster on behalf of Kitsap County Public Works/Roads Division (name) authorize the applicant to extract minerals from my land using surface mining methods and I approve this reclamation plan.

Signature:

Molly Foster

Date signed:

3/26/24

FOR DEPARTMENTAL USE ONLY

Date accepted

Accepted by:

Title:

Reclamation Permit No.



**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) Pyramid Materials, Inc			
2. MAILING ADDRESS PO BOX 3337, Renton, WA 98056			
3. Telephone 425-254-1820		Email LANCE@PYRAMIDMATERIALS.COM	
4. NAME OF MINE DICKEY PIT			
5. Street address and milepost of surface mine 8855 DICKEY RD NW, SILVERDALE, WA 98383			
6. Distance (miles) 1 MILE	7. Direction from WEST	8. Nearest community SILVERDALE	
9. COUNTY KITSAP No attachments will be accepted. Legal Description of permit area:			
1/4	Section	Township	Range
NW	19	25N	1E
NE	19	25N	1E
SW	19	25N	1E
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: HAZEN QUARRY #70-012652			
11. Are all of these mines now in compliance with RCW 78.44, WAC 332-18, and conditions of the permits? <input type="checkbox"/> yes <input checked="" 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): HAZEN QUARRY 70-012652			

12. TOTAL ACREAGE OF PERMIT AREA APPLIED FOR: (Include all acreage to be permitted. See Form SM-6.) 104.6 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: 104.6 acres. Area to be disturbed in next 36 months: 60 acres.	
14. Maximum vertical depth (thickness) mined below pre-mining topographic grade will be 250 feet.	
15. Lowest elevation of excavated mine will be 280 feet relative to mean sea level. Highest elevation of excavated mine will be 540 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 type="checkbox"/> river floodplain (alluvial) <input 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: Mine is on-going	20. Estimated number of years: 44
21. Total quantity to be mined over life of mine (estimated): 14.6 M <input type="checkbox"/> tons or <input checked="" type="checkbox"/> cu yds	22. Estimated annual production: 333,333 <input checked="" type="checkbox"/> tons or <input type="checkbox"/> cu yds
23. Subsequent land use: <input checked="" type="checkbox"/> industrial <input checked="" 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: 520 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	

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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 1-2 feet	Thickness of subsoil is 5-40 feet	Depth to bedrock is Unknown feet
Total volume of topsoil is 275,000 cubic yards	Total volume of subsoil is 150,000 cubic yards	
Volume of stored topsoil/subsoil is 150,000 cubic yards and will require 1 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: Boundary is marked by a fence and flags.		
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 50 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 type="checkbox"/> yes <input checked="" 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 type="checkbox"/> wildlife habitat <input type="checkbox"/> water quality <input type="checkbox"/> 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?	<input type="checkbox"/> yes <input type="checkbox"/> no
23F. Ground Water	
High water table depth is <u>145</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>125</u> feet <input checked="" type="checkbox"/> relative to mean sea level, <input type="checkbox"/> below original surface, or <input type="checkbox"/> unknown. Annual fluctuation of water table is from <u>125</u> feet on <u>msl</u> to <u>145</u> feet on <u>msl</u> .	
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:	
The site is in a: <input checked="" type="checkbox"/> critical aquifer recharge area <input 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 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 checked="" type="checkbox"/> yes <input type="checkbox"/> no
If no, explain:	
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:	
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>0.5</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 placed on slopes only. A large pad will be created for industrial purposes. The large pad created will not be revegetated and will be utilized for industrial activities throughout the reclamation process.	
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. If necessary site will import topsoil from nearby sources to achieve reclamation. Estimated volume is <u>23,000</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 checked="" type="checkbox"/> yes <input 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: Available till will be incorporated when acceptable.	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Silt from settling ponds or a filter press will be used for reclamation?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Settling pond clay slurries will be pumped or hauled to other segments for reclamation? If yes, explain: Ponds will periodically be cleaned of settled fines. These materials will be dried on-site and used as part of the backfill for final reclamation. Very little clay is anticipated.	<input checked="" type="checkbox"/> yes <input 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: Available vegetation will be moved from other sections and transplanted for reclamation when available.	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Wood and other organic debris will be: <input checked="" type="checkbox"/> recycled <input checked="" type="checkbox"/> removed from site <input checked="" type="checkbox"/> chipped <input type="checkbox"/> burned <input checked="" 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: Where possible large debris will be stored separately and strategically placed during reclamation for animal habitat.	<input checked="" type="checkbox"/> yes <input 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: See plans for details. Final reclaimed slopes and pad will slope toward on-site drainage channels and infiltration ponds.	<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: Site will be revegetated according to the Reclamation Plans.	<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:	

APPLICATION FOR RECLAMATION PERMIT AND PLAN

Stormwater system design will be capable of carrying the peak flow of the 25-year, 24-hour precipitation event? (Data are available at the National Oceanic And Atmospheric Administration (NOAA)) If yes, are calculations attached? If yes, give details. If no, explain: See attached Stormwater Calculations and Reclamation Plans for stormwater details.	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> yes <input type="checkbox"/> no
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: The site will be backfilled and brought up to original grade. Final slopes will be gradual from the top of the pad down to stay consistent with the surrounding topography.	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Slopes will be created by mining to the final slope using the cut method? Explain procedure to be used: Site will be backfilled with local clean import according to the Geotechnical Report completed by GeoResources, Inc.	<input type="checkbox"/> yes <input checked="" 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: See Reclamation Plans for details. The site will be backfilled to its natural grade.	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Review "Additional Requirements for Mines with Steep or Potentially Unstable Slopes" in "Instructions for SM-8A".	
Slope stability analysis required? If yes, attach analysis.	<input checked="" type="checkbox"/> yes <input 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.	
Review "Additional Requirements for Mines with Steep or Potentially Unstable Slopes" in "Instructions for SM-8A".	

APPLICATION FOR RECLAMATION PERMIT AND PLAN

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
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 <u>250</u> feet.	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Backfill will be <input type="checkbox"/> onsite materials <input type="checkbox"/> imported materials <input checked="" type="checkbox"/> both Provide a written screening method that ensures importation of acceptable soil for reclamation.	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Backfilling plan is attached? If no, explain:	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Backfill stockpiles are shown on maps and will be marked on the ground with markers?	<input checked="" 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 checked="" type="checkbox"/> yes <input type="checkbox"/> no
Backfill will require compaction? If no, explain:	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Will you be backfilling to create slopes? Is slope stability analysis attached? If no, explain.	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input checked="" 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: The mine floor will be brought up to natural grade and reclaimed to a large industrial pad that will be gently sloped to direct water to the channels and infiltration ponds.	<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: The mine floor will be brought up to natural grade and reclaimed to a large industrial pad that will be gently sloped to direct water to the channels and infiltration ponds. See Reclamation Plans for full details on pad grading, stormwater drainage, and revegetation of site.	<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: The mine floor will be brought up to natural grade and reclaimed to a large industrial pad that will be gently sloped to direct water to the channels and infiltration ponds. See Reclamation Plans for full details on pad grading, stormwater drainage, and revegetation of site. Slopes will be reclaimed according to the Revegetation Plans within the Reclamation Plans.	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no

APPLICATION FOR RECLAMATION PERMIT AND PLAN

25F. Lakes, Ponds, and Wetlands	
Is water currently present in the area or will the mining penetrate the water table? <i>If no, go to Section 25G.</i>	<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
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? Varied water depths? Shallow areas less than 18 inches deep? Islands and peninsulas? Give details:	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> yes <input type="checkbox"/> no
Ponds or basins will: Be located in stable areas? Have sufficient volume for expected runoff? Have an emergency overflow spillway? Spillways and outfalls will be protected (for example, rock armor) to prevent failure and erosion? If any answers are no, explain:	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> yes <input type="checkbox"/> no
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 stormwater stays on-site and is directed to channels and two on-site infiltration ponds.	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Are these shown on maps?	<input checked="" type="checkbox"/> yes <input 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>	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
The final ground surface drains away from any hazardous natural materials? If yes, give details. If no, explain:	<input type="checkbox"/> yes <input 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 <input type="checkbox"/> yes <input type="checkbox"/> no

APPLICATION FOR RECLAMATION PERMIT AND PLAN

26B. Removal of Debris

All debris (garbage, 'bone piles', treated wood, old mining equipment, etc.) will be removed from the mine site? yes no
 yes no

All sheds, scale houses, and other structures will be removed from the site?

If either answer is yes, give details. If no, explain: **Site will be cleared and prepared for the subsequent Industrial Use. If any onsite structures or equipment are intended for subsequent use they will remain or be brought back on-site. Infrastructure will move on-site as the site will be backfilled and the site changes through each phase. Installed utilities and surface water management facilities will continue to be maintained as needed as the site is backfilled. Maintenance will occur through the phasing process.**

27. REVEGETATION

The mine site is in: eastern Washington western Washington
 Revegetation area is: wet dry both

The average precipitation is **39-52 inches** per year.

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: **See Revegetation Plans within the Reclamation Plans for details.**

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: **All slopes will be revegetated according to the Reclamation Plans. The large pad will not be revegetated due to the subsequent use.**

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 checked="" type="checkbox"/> clover* | <input type="checkbox"/> orchard grass |
| <input type="checkbox"/> cereal rye | <input checked="" type="checkbox"/> perennial rye | <input checked="" type="checkbox"/> colonial bent grass | <input type="checkbox"/> ponderosa pine |
| <input checked="" type="checkbox"/> creeping red fescue | <input checked="" type="checkbox"/> red alder* | <input checked="" type="checkbox"/> Douglas fir | <input type="checkbox"/> shore pine |
| <input checked="" type="checkbox"/> ground cover | <input checked="" 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 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):
Site will be revegetated according to the Revegetation Plans within the Reclamation Plans.

Describe weed control plan:

Noxious weeds will be monitored and removed per the Revegetation Plans.

APPLICATION FOR RECLAMATION PERMIT AND PLAN

27B. Planting Techniques	
Revegetation at this site will require:	
Ripping and tilling?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Blasting to create permeability?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
Mulching?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Irrigation?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
Fertilization?	<input checked="" type="checkbox"/> yes <input 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: See Revegetation Plans within the Reclamation Plans for details on soil preparation.	
Trees and shrubs will be planted in topsoil or in subsoil amended with generous amounts of organic matter?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
If yes, give details. If no, explain: Will use BMP's to ensure trees and shrubs survive. See Revegetation Plans within the Reclamation Plans for details.	
Mulch will be piled around the base of trees and shrubs?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
High quality stock will be used?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Trees and shrubs will be planted while they are dormant?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Stock will be properly handled, kept cool and moist, and planted as soon as possible?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Seeds will be covered with topsoil or mulch no deeper than one-half inch?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
If any answers are no, explain:	
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 checked="" type="checkbox"/> yes <input 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 type="checkbox"/> yes <input checked="" type="checkbox"/> no
Have you attached photographs (as needed)?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
Are additional supplemental studies included?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
If yes, check the appropriate box(es) below:	
<input type="checkbox"/> Archeological	<input checked="" type="checkbox"/> Geohydrologic
<input type="checkbox"/> Topsoil	<input type="checkbox"/> Flood plain
<input type="checkbox"/> Other	<input checked="" type="checkbox"/> Backfill
	<input type="checkbox"/> Conservational
	<input checked="" type="checkbox"/> Slope stability
	<input type="checkbox"/> Vegetation
Other permits required? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	
If yes, check the appropriate box(es) below:	
<input type="checkbox"/> Shoreline Permit	<input type="checkbox"/> Water Discharge Permit
<input checked="" type="checkbox"/> Air Quality Permit	<input checked="" type="checkbox"/> NPDS or General Discharge Permit
<input checked="" type="checkbox"/> Special or Conditional Use Permit	<input type="checkbox"/> Solid Waste Permit
	<input type="checkbox"/> Other
	<input type="checkbox"/> Hydraulic Project Approval

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):

PyrMat Holdings, LLC – Lance Despain, Owner/President

Address(es):

PyrMat Holdings, LLC
PO BOX 3337
Renton, WA 98056

RECEIVED
January 7, 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



Lance Despain (Jul 8, 2024 16:20 PDT)

Name and Title of Company Representative
(Please print)

Lance Despain

Date signed

07/08/2024

LANDOWNER(S)

As landowner, I Lance Despain (name) authorize the applicant to extract minerals from my land using surface mining methods and I approve this reclamation plan.

Signature:

Date signed:



07/08/2024

Lance Despain (Jul 8, 2024 16:20 PDT)

FOR DEPARTMENTAL USE ONLY

Date accepted

Accepted by:

Title:

Reclamation Permit No.

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): Attn: Molly Foster
Kitsap County Public Works/Roads Division

Address(es):
Kitsap County Public Works
614 Division Street, MS-26
Port Orchard, WA 98366-4699

RECEIVED
January 7, 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)

Molly Foster
Real Estate Services Manager

Date signed

3/26/24

LANDOWNER(S)

As landowner, I Molly Foster on behalf of Kitsap County Public Works/Roads Division (name) authorize the applicant to extract minerals from my land using surface mining methods and I approve this reclamation plan.

Signature:

Molly Foster

Date signed:

3/26/24

FOR DEPARTMENTAL USE ONLY

Date accepted

Accepted by:

Title:

Reclamation Permit No.



Dickey Pit Narrative

Date: June 20, 2024

Applicant/Operator:

Pyramid Materials, Inc
8855 Dickey Rd NW
Silverdale, WA 98383

Landowners:

PyrMat Holdings, LLC (100 acres)
PO BOX 3337
Renton, WA 98056

Kitsap County Public Works (4.6 acres)

Site:

8855 Dickey Rd NW
Silverdale, WA 98383

Parcel ID(s): 192501-2-001-2000, 192501-2-002-2009, 192501-3-006-2003, 192501-3-001-2008 (100 acres)

Kitsap County Parcel: 192501-1-025-2004 (4.6 acres)

Objective:

This reclamation plan has been prepared for the Washington State Department of Natural Resources for the purpose of expanding the existing reclamation permit at Dickey Pit to 104.6 acres. This expansion will combine all existing permits into a single permit. This will include the adjacent Kitsap County Public Works parcel currently leased by Pyramid Materials, Inc. This expansion is a combination the following permits:

- DNR Reclamation Permit 70-012047 which covers the 60-acre Dickey pit. This pit has been operating since 1978. This permit covers parcels 192501-3-006-2003 (40 acres) and 192501-3-001-2008 (20 acres).
- DNR Reclamation Permit 70-011156 under the Miles/Port Orchard 110-acre permit. This permit covers 40-acres of the “Original Existing Dickey Pit”. This permit covers parcels 192501-2-001-2000 (30 acres) and 192501-2-002-2009 (10 acres). This was authorized by Kitsap County in 1979 via Resolution 549-1979.
- Parcel 192501-1-025-2004 (4.6 acres) adjacent Kitsap County Public Works (KCPW), leased by Pyramid Materials, Inc. Originally used by Ace and Pyramid Materials via the Kitsap County Public Works Dickey Pit DNR Permit #70-010250. This reclamation permit area is to the east and adjacent

to the Original Existing Dickey Pit site. This parcel is used for stockpiles and site access. No mining will occur on this parcel.

Location:

The Dickey Pit is located west of Silverdale, WA. Site access is off Dickey Rd NW.

Legal Description:

¼ NW S19 T25N R01E, ¼ NE S19 T25N R01E, ¼ SW S19 T25N R01E, W.M., Kitsap County, Washington.

Zoning:

Parcel zoning is Mineral Resource/Industrial with the Kitsap County property use designation as 850 - Mining & Related Services. All parcels have an MRO (Mineral Resource Overlay) designation. Per Kitsap County Code the Mineral Resource Overlay (MRO) supersedes the requirements of the existing land use designation and zoning classification until the site resource has been depleted and reclaimed. The current and future use of this MRO designated site are being utilized with its end use as industrial.

Site History:

Disturbance on site pre-dates 1971 with various activities including mining. Mining became the focus of disturbance on site in 1978. Activities included processing aggregates, production of asphalt, concrete, recycling aggregates, and topsoil manufacturing.

The original mine site was operated by Ace Paving, Port Orchard Sand and Gravel, and Kitsap County (Public Works). Pyramid Materials, Inc purchased the property and permits from Ace Paving and the Warners in 2014. Historically the entire site was used primarily to produce asphalt, concrete and construction aggregates. The original owners ceased mining at 125-ft depth below original grade and intended to leave the pit with reclaimed high wall slopes.

Current Site Conditions:

Currently Pyramid Materials, Inc produces aggregates, asphalt, topsoil manufacturing, and recycling of aggregates. Pyramid Materials, Inc conducts operations and is preparing to re-establish a concrete plant to maximize the resource and provide concrete to the county. Active mining activities to date are predominately occurring in the southernmost 40-acre parcel, with previous small excavations onto the joining parcel to the north.

Proposed Plan:

This permit will encompass a total of 104.6 total acres, with 100 acres to be disturbed by mining. Mining and reclamation will occur in eleven phases. The pit will be backfilled according to the Geotech Report completed by GeoResources, Inc. Total material to be extracted is 14.6 MCY, with a max annual production of 333,333 CY. Extraction of materials is expected to last over 44 years. See Reclamation Plans for details on extraction and phasing.

Phasing Plan:

Site will be mined and reclaimed in 11 phases. This phasing method will allow for mining and reclamation to progress concurrently. Mining will begin in the south and west and work its way east and to the north. Site will be reclaimed as mining progresses through each phase. Mining may occur in any phase at any time. Mining progression will be based on market needs. Phasing is meant as a general guideline only.

Mining and reclamation efforts may occur concurrently in different phases. This method will allow the site to achieve max extraction of material while backfilling in the deepest areas of the mine. Backfilling will be completed according to the Geotechnical Report completed by GeoResources, Inc, and will be completed progressively so that extraction and backfilling can occur concurrently. Mining will extract all available resources within a given phase, while backfilling is occurring in a section of the mine where all materials have been extracted. As mining has completed within a phase, reclamation can follow behind it.

Temporary slopes will be maintained with proper BMP's to ensure stability throughout the life of the mine and until backfilling is completed. Vegetation will be established as final slopes are created. Final reclamation will include establishing a large pad for Industrial/Commercial end use, permanent drainage channels and two infiltration ponds. See Phasing Plan, Final Reclamation Plan, and Revegetation Plan within the Reclamation Plans for further details. On-site processing, stockpiles, and equipment will move around through phases as mining and backfilling occur. Locations of processing equipment and stockpiles will be based on site efficiency and best location depending on site activities.

Setbacks:

50-ft Setback from Property/Permit Boundary.

Groundwater:

The Geotechnical Report provided by GeoResources, Inc indicates that groundwater is present at depths of 125 - 145 above mean sea level. Operations will cease at 280-ft above mean sea level. Operations are not expected to hit groundwater.

Slope Design:

Mine plan is designed based on GeoResources, Inc, Geotechnical report recommendations. Temporary slopes are 1.25H:1V with 10-ft benches every 30-ft drop in elevation.

Excavation:

Material on-site is mainly sand and gravel deposits. Slopes will be excavated using heavy equipment. Excavators, dozers, or loaders will be used to extract the material from the ground. The material will then be conveyed via truck, conveyor, or loader to the processing area for processing. Processing and stockpiles will move accordingly with the site phasing. As mining progresses processing equipment will move to the most efficient area on-site. As disturbance increases the site will be able to manage additional stockpiles, overburden, and waste rock. The stockpiles will be sold or remain for reclamation purposes.

Signage:

No trespassing mining limits signs are placed around the perimeter of the permit boundary. The site entrance has a safety and no trespassing sign with site contacts listed.

Landscaping:

Upon completion of mining the site will be brought back up to natural grade. A large pad created will not be vegetated due to the end use as Industrial/Commercial. All slopes will be revegetated using topsoil and appropriate vegetation. Site will be revegetated according to the Revegetation Plan within the Reclamation Plans.

Topsoil:

Needed topsoil will be stored within the current mining area for reclamation purposes. Approximately 23,000 CY of topsoil will be required for reclamation purposes. Topsoil is manufactured and sold on-site. Topsoil needed for reclamation purposes will be manufactured and placed as permanent slopes are established. If additional topsoil is needed it will be brought on-site from a nearby source. Topsoil will be used to reclaim the final slopes. See attached Revegetation Plans within the Reclamation Plans for further details.

Stormwater:

All slopes and ditches will be graded to direct stormwater to the on-site infiltration ponds. All stormwater will stay on-site and be infiltrated. During reclamation all slopes and ditches will be graded to direct stormwater to two infiltration ponds. Channels will be rock, and grass lined to allow for infiltration and to prevent erosion. Drainages will maintain a 2% slope minimum to direct water to the on-site infiltration ponds located in the west side of the site and the northeast corner of the site. The infiltration pond in the northeast will be built in native soil allowing for maximum infiltration on-site. See attached stormwater calculations and stormwater details in reclamation plans for further details.

Removal of Vegetation:

Site will be stripped in phases. As each section is mined all topsoil will be stripped and stockpiled for reclamation purposes or for selling. Trees will be logged, and debris will be processed and stockpiled for reclamation purposes. Topsoil will be used to reclaim final slopes. See attached Revegetation Plans within the Reclamation Plans for further details.

Soil Replacement:

Clean fill will be brought on site for reclamation purposes. Reclamation fill will be placed and compacted in accordance with the Geotechnical Report prepared by GeoResources, Inc. The site will be filled in eleven phases and will utilize a hybrid approach of bottom-up and single high lift fill placement to achieve design reclamation grades. Approximately 23,000 CY of topsoil and 20.1 MCY of clean backfill. See attached GeoResources, Inc. report, the Phasing Plan and Revegetation Plan, within the Reclamation Plans for further information.

Erosion Control:

Permanent slopes will be hydroseeded and revegetated for erosion control. The permanent pad will be sloped to direct all drainage towards the grass and rock lined channels. Channels will direct water to two on-site infiltration ponds. Proper BMP's will be utilized around the site to help control water runoff during all phases of mining and reclamation.

Reclamation Topography:

The site will be mined and reclaimed in eleven phases to a final mine floor elevation of 280-ft msl. Slopes will be mined at 1.25H:1V with 10-ft benches every 30-ft drop in elevation. Pit will be backfilled as mining progresses, slowly bringing the site up to natural grade and creating max 2H:1V slopes along the perimeter of the pad. Revegetation will occur as permanent slopes are established. Final stages of reclamation will be grading of a large pad at natural grade and preparing for the end use of Industrial/Commercial. The slopes on site will be finalized and revegetated. Permanent stormwater channels and two infiltration ponds will be finalized. See Reclamation Plans for further details.

Final Slopes:

Site will be brought back up to natural grade using Clean fill with slopes along the west and north/northeast. Slopes will be backfilled to create 2H:1V overall with a max height of 50-ft vertical with a 6-ft bench break

where needed. Clean fill will follow guidelines represented in the Geotechnical Report by GeoResources, Inc. Slopes will be revegetated according to the Revegetation Plan within the Reclamation Plans.

Backfilling:

Backfill will be used to bring the site back up to natural grade. Approximately 20.1 MCY of clean backfill will be needed to reclaim the slopes. Backfilling will occur in eleven phases along with mining and will follow recommendations within the attached Geotechnical Report by GeoResources, Inc.

Mine Floor:

Mine floor will be backfilled to natural grade creating a large pad ~60.3 acres in size. This will be utilized for the end use of Industrial/Commercial. Slopes to the west and north of the pad will be revegetated according to the Revegetation Plan within the Reclamation Plans. Due to the site's end use of Industrial/Commercial the asphalt plant, concrete plant, aggregate crushing and washing, and recycling processing equipment will remain on-site after permit termination. Processing equipment will be moved throughout the mining and reclamation phases. Equipment will be moved to the most efficient spot on-site for production purposes.

Final Drainage Configuration:

All slopes and ditches will be graded to direct stormwater to the infiltration ponds. Two infiltration ponds will be left on-site as permanent features. The western infiltration pond will be accessed and maintained with heavy equipment through a pond maintenance road. The northeastern infiltration pond can be accessed and maintained through the neighboring parcel owned by Kitsap County Public Works.

Revegetation:

Site will follow the approved Revegetation Plan within the Reclamation Plans. Revegetation will as permanent slopes are established through backfilling, slopes will be hydroseeded and revegetated according to the Revegetation Plans. See attached Revegetation Plans within the Reclamation Plans for further information.