

Excavation Regulations

APPLICATION CHECKLIST

The following checklist is intended as a reference for the Board to use in determining whether an application meets all the requirements for submission as specified in the regulations (Section XIV). Item #3, a-n, and #4, a-f are those items the Board expects to see on the plan; items # 5-11 of this checklist are those projects the law defines as prohibited and that the Board, during the application review process, must determine to be in compliance with the law.

REQUIRED		SUBMITTED	
<u>Yes</u>	<u>No</u>	<u>Yes</u>	<u>No</u>
___	___	1. Signed and dated application form. ___ ___	
___	___	2. Copies of any required local, state or federal permits. ___ ___	
___	___	3. <i>Excavation Plan</i> at a scale of 1" = 100' showing the following information:	
___	___	a. Name and address of owner, excavator, and all abutters. ___ ___	
___	___	b. Name, address and signature of person preparing the plan; date of plan, scale, and north arrow. ___ ___	
___	___	c. Sketch and description of the location and boundaries of proposed and any existing excavations in square feet and acres, and the municipalities involved. ___ ___	
___	___	d. Zoning district boundaries of excavation area and within 200 feet of the area boundary. ___ ___	
___	___	e. Lot lines, public streets, driveways, intersections, rights-of-way, and all easements within 200 feet of the excavation. ___ ___	
___	___	f. Location of existing dwellings, structures, septic systems and wells within 200 feet of the excavation ___ ___	
___	___	g. Topography at contour intervals of five feet or less. ___ ___	
___	___	h. All surface drainage patterns including wetlands and standing water. ___ ___	
___	___	i. Sketch and description of existing and proposed access roads, including width and surface materials. ___ ___	
___	___	j. Breadth, depth and slope of the proposed excavation. ___ ___	
___	___	k. Elevation of the highest annual average ground water table within or next to the proposed excavation. ___ ___	

REQUIRED
Yes No

SUBMITTED
Yes No

- | | | | | |
|-------|-------|--|-------|-------|
| _____ | _____ | l. Test pit data to within either the seasonal high water table or a minimum of six feet below the proposed excavation depth. | _____ | _____ |
| _____ | _____ | m. Fencing, buffers, or other visual barriers, including height and materials. | _____ | _____ |
| _____ | _____ | n. Measures to control erosion and sedimentation, water and air pollution, and any hazards to public safety. | _____ | _____ |
| _____ | _____ | 4. Reclamation Plan at a scale of 1" = 100' showing the following information: | | |
| _____ | _____ | a. Name, address and signature of the person preparing the plan; date of plan, scale and north arrow. | _____ | _____ |
| _____ | _____ | b. All boundaries of the area proposed for reclamation, and the land within 200 feet of these boundaries. | _____ | _____ |
| _____ | _____ | c. Final topography at contour intervals of five feet or less. | _____ | _____ |
| _____ | _____ | d. Final surface drainage pattern. | _____ | _____ |
| _____ | _____ | e. Timetable as to fully-depleted sites within the project area. | _____ | _____ |
| _____ | _____ | f. Schedule of final reclamation activities, including seeding mixtures, cover vegetation, fertilizer types and application rates. | _____ | _____ |
| _____ | _____ | 5. The excavation is permitted by the zoning ordinance. | | |
| _____ | _____ | 6. The excavation will not be within 50 feet of the boundary of a disapproving abutter or 10 feet of the boundary of an approving abutter. | | |
| _____ | _____ | 7. The excavation will not diminish area property values nor unreasonably change the character of the neighborhood. | | |
| _____ | _____ | 8. The excavation will not create any nuisance or health or safety hazards. | | |
| _____ | _____ | 9. The excavation will not unreasonably accelerate the deterioration of highways or create any safety hazards in their use. | | |
| _____ | _____ | 10. Existing visual barriers will not be removed, except to gain access to the site. | | |
| _____ | _____ | 11. The excavation will not substantially damage a know aquifer. | | |

Excavation and Reclamation Checklists

The following checklist is used by the Board to determine compliance with the provisions of RSA 155-E during inspections of excavation sites, both for new operations as well as yearly inspections of existing operations. For existing, non-permitted operation, only items #1-10 apply, while new, permitted operations are subject to all items in the checklist. The items in the reclamation checklist apply to all operations at the time of reclamation.

OPERATIONS

- | <u>Yes</u> | <u>No</u> | |
|------------|-----------|---|
| ___ | ___ | 1. The excavation is not closer than 50 feet to the boundary of a disapproving abutter. |
| ___ | ___ | 2. The excavation is not closer than 150 feet to an existing dwelling or to a site for which a building permit has already been issued. |
| ___ | ___ | 3. The excavation is not below road level within 50 feet of a public right-of-way. |
| ___ | ___ | 4. Vegetation is maintained within the peripheral areas of items 2 and 3 above. |
| ___ | ___ | 5. Fuels, lubricants, or other toxic or polluting materials are not stored on the site, unless in compliance with applicable state regulations. |
| ___ | ___ | 6. If temporary slopes exceed a 1:1 grade, an appropriate barricade is provided. |
| ___ | ___ | 7. The excavation does not cause the accumulation of freestanding water for prolonged periods. |
| ___ | ___ | 8. The excavation does not result in continued siltation of surface water or degradation of water quality of any public or private water supplies. |
| ___ | ___ | 9. The excavation is not within 75 feet of any great pond, navigable river, or any other standing body of water 10 acres or more in area. |
| ___ | ___ | 10. The excavation is not within 25 feet of any stream, river, or brook which normally flows throughout the year, or any naturally-occurring standing body of water less than 10 acres, prime wetland, or any other wetland greater than 5 acres in area. |

Yes No

- _____ 11. The excavation is permitted by the zoning ordinance.
- _____ 12. The excavation is not within 50 feet of the boundary of a disapproving abutter or 10 feet of the boundary of an approving abutter.
- _____ 13. The excavation will not diminish area property values nor unreasonably change the character of the neighborhood.
- _____ 14. The excavation will not create any nuisance or health or safety hazards.
- _____ 15. The excavation will not unreasonably accelerate the deterioration of highways or create any safety hazards in their use.
- _____ 16. Existing visual barriers will not be removed, except to gain access to the site.
- _____ 17. The excavation will not substantially damage a know aquifer.

RECLAMATION

- _____ 1. Except for exposed rock ledge, all areas which have been stripped of vegetation shall be spread with soil capable of sustaining vegetation, and shall be planted with seedlings or grass.
- _____ 2. Areas visible from a public way from which trees have been removed shall be replanted with tree seedlings in accordance with acceptable horticultural practices.
- _____ 3. Provision is made for the removal or disposal of all stumps and other vegetative debris.
- _____ 4. Slopes, except for exposed rock ledge, will be graded to natural repose according to the soil type, or at a ratio of horizontal to vertical proposed by the owner and approved by the Board.
- _____ 5. No standing bodies of water created by the excavation will be left if they create a public safety hazard.
- _____ 6. The topography will be left so that water draining from the site leaves the property at the original, natural drainage points and in the natural proportions of flow.

EXCAVATION REQUIREMENTS

TYPE OF OPERATION	NO PERMIT REQUIRED	PERMIT REQUIRED	MUST COMPLY W/ STANDARDS	MUST RECLAIM	MUST POST RECLAMATION BOND	MUST FILE EXCAVATION REPORT
1) Existing as of August 24, 1979	✓	For Expansion	✓	✓	For Expansion	✓
2) Commenced operations since August 24, 1979		✓	✓	✓		
3) Stationary Manufacturing and Processing Plants existing as of August 24, 1979	✓	In the event of non-compliance with standards	✓	✓	If permit is needed	
4) In connection with Highway Excavations	✓	In the event of non-compliance with standards	✓	✓	If permit is needed	
5) Non-Conforming as of August 4, 1989	✓	For Expansion	✓	✓	For Expansion	
6) Abandoned for any 2-year period between August 24, 1987 and present						✓

7) Abandoned prior to August 24, 1977

8) Incidental to Building and Agriculture

9) Cutting of Dimension Stone

NOT SUBJECT TO REGULATION BY THE BOARD