

1. Can the top of the eroding embankment at the Johnson Farm site be accessed from the adjoining property? As discussed at the site meeting, all work is intended to be accomplished from the Johnson property.
2. Please verify no offsite disposal is required of excess spoils at either site. As was explained at the site meeting, all excess material will be disposed of on the Johnson Site including trees and stumps. All excess material disposal from the Koval site is the responsibility of the contractor including stumps and trees.
3. Can heavy equipment work within the stream bed, if elevated above the stream bed on crane matting in order to reach the top of the eroding embankment? Yes if proper E&S measures are established and properly maintained.
4. Has a volumetric calculation been completed to assess if the gravel in the stream is sufficient to restore the embankment at Johnson Farm and no additional fill is required to be brought onsite? No, if additional materials are required to fulfill the project goals, the technical representative will handle the project adjustment with an appropriate change order.
5. If not, what relief is available to the contractor to bring in clean fill for bank restoration? See note above.
6. What is to separate the rip rap at Johnson Farm from being clogged with gravel once it is placed on the embankment? The gravel backing is standard material for Riprap installations on NRCS engineered and approved sites. It was discussed at the pre-bid meeting and agreed upon that a geotextile blanket will be established as supplemental stabilization under the gravel bedding.
7. Has approval been granted under approved permits to excavate materials from within the stream? Yes
8. Has the gravel to excavate and place on the steep embankment been assessed that it will stay and not simply slide back down into the rip-rap? No and see #6 above.
9. Has the gravel to excavate and place on the steep embankment been verified it contains enough organics to actually grow grass? No
10. Please advise on schedule if seeding is not allowed between Oct 15 and March 15? If the lack of stabilization causes the embankment to fail during this period, is the contractor responsible to restore the embankment? Seeding dates under the Technical Specification; Procedure: B. Sow Seed- "For best results, sow permanent seed from March 15 to June 15 for spring establishment or from August 15 to October 15 for fall establishment" is a recommendation not a requirement. All seeding to be conducted by hydroseeding on the entire disturbed areas on both the Johnson and Koval Plantings.

11. Would a step on the embankment at the Johnson site be considered to assist in slowing erosion and enhancing vegetation growth / such as another rip-rap trench and mulch to provide a growth medium for new grass? **At Johnson site a stepped bench was assessed to be established above the top of riprap but insufficient horizontal distance was available. The alternate is to install the straw wattle/vegetated bench at the top of riprap as is shown in the design.**

12. With respect to seeding Maintenance – how can the contractor be held liable for maintenance of the seeding areas until all work is acceptable when no seeding may occur until March 2016? **See clarification on #10 above.**

13. Will the Conservation District consider the implementation of rock vanes upstream to assist in the natural flow of water away from the eroding bank with felled trees, imbricated rock or boulders? **Permits are not secured for that type of installation.**

14. Can the Koval site be done in the Fall and Johnson site be put on hold for the winter and start in spring 2016? **Due to Fish and Boat Commission conservation protections of the Johnson site, the project schedule is adjusted to: Johnson work after January 1 and before April 18, 2016 based on weather and stream conditions and fall construction within 30 days of project award for Koval site.**